

Exam Code: 103206

Paper Code: 8601

Bachelor of Arts (Semester-VI)

Course Title: English (Elective)

Course Code: BARV-6198 ✓

Time Allotted: 3 Hours

Max Marks: 100

Section-A

1. Attempt any four literary terms out of the given five. (Each to be answered in 150 words approximately)

- a. Stream of Consciousness
- b. Interior monologue
- c. Novel
- d. Short Story
- e. Autobiography

(4×5=20)

Section-B

2. Write phonetic transcription of any ten words out of the given fifteen words.

- a. Journey
- b. Occupy
- c. Reclaim
- d. Towel
- e. Grass
- f. Carton
- g. Image
- h. Labour
- i. Kettle
- j. Question
- k. Laptop
- l. Cell
- m. Leather
- n. North
- o. Ten

(10×2=20)

Section-C

3. Attempt any one Reference to Context in about 300 words approximately.

What Henchard saw thus early was, naturally enough, seen at a little later date by other people. That Mr Farfrae walked with that bankrupt Henchard's stepdaughter, of all women, became a common topic in the town, the simple perambulating term being used hereabout to signify a wooing; and the nineteen superior young ladies of Casterbridge, who had each looked upon herself as the only woman capable of making the merchant Councilman happy, indignantly left off going to the church Farfrae attended, left off conscious mannerisms, left off putting him in their prayers at night amongst their blood relations; in short, reverted to their natural courses.

Perhaps the only inhabitants of the town to whom this looming choice of the Scotchman's gave unsatisfaction were the members of the philosophic party, which included Longways, Christopher Coney, Wills, Mr Buzzford, and the like. The Three Mariners having been, years before, the house in which they had witnessed the young man and woman's first and humble appearance on the Casterbridge stage, they took a kindly interest in their career, not unconnected, perhaps, with visions of festive treatment at their hands hereafter. Mrs Stannidge, having rolled into the large parlour one evening and said that it was a wonder such a man as Mr Farfrae, 'a pillow of the town', who might have chosen one of the daughters of the professional men or private residents, should stoop so low, Coney ventured to disagree with her.

OR

The history of Susan Henchard's adventures in the interim can be told in two or three sentences. Absolutely helpless she had been taken off to Canada, where they had lived several years without any great worldly success, though she worked as hard as any woman could to keep their cottage cheerful and well-provided. When Elizabeth-Jane was about twelve years old the three returned to England, and settled at Falmouth, where Newson made a living for a few years as boatman and general handy shoreman.

He then engaged in the Newfoundland trade, and it was during this period that Susan had an awakening. A friend to whom she confided her history ridiculed her grave acceptance of her position; and all was over with her peace of mind. When Newson came home at the end of one winter he saw that the delusion he had so carefully sustained had vanished for ever.

There was then a time of sadness, in which she told him her doubts if she could live with him longer. Newson left home again on the Newfoundland trade when

the season came round. The vague news of his loss at sea a little later on solved a problem which had become torture to her meek conscience.

She saw him no more.

Of Henchard they heard nothing. To the liege subjects of Labour, the England of those days was a continent, and a mile a geographical degree.

Elizabeth-Jane developed early into womanliness. One day, a month or so after receiving intelligence of Newson's death off the Bank of Newfoundland, when the girl was about eighteen, she was sitting on a willow chair in the cottage they still occupied, working twine nets for the fishermen. Her mother was in a back corner of the same room, engaged in the same labour; and dropping the heavy wood needle she was filling she surveyed her daughter thoughtfully. The sun shone in at the door upon the young woman's head and hair, which was worn loose, so that the rays streamed into its depths as into a hazel copse. Her face, though somewhat wan and incomplete, possessed the raw materials of beauty in a promising degree.

(1×10=10)

4. Attempt any two questions (each to be answered in 500 words approximately) out of the given three.

A) Flaws in Henchard's character cause his downfall in the novel. Explain.

B) What role Lucetta plays in the novel *The Mayor of Casterbridge*.

C) Character sketch of Donald Farfrae from *The Mayor of Casterbridge*.

(2×10=20)

Section-D

Attempt any one Reference to Context in about 300 words approximately.

DAN. No! No! That won't do. I can't have all that just swimming in my mind. The mind wanders too much. Unnecessary details, irrelevant characters which do not figure anywhere. I've got to put it all down. I've got to make a start. (Goes to the cabinet for a refill and takes a swig.) Now steady, Dan boy. One thing at a time. Get to the desk. (Moves to the table.) Sit on the chair. (Sits.) Put your fingers on the keys.

(Does so.) And type. (Cannot type.) Well, you can't have everything. No, wait—let me think. What is Tara? Kind, gentle, strong, her mother has given her strength. And daddy? Silent? Angry? And—mummy. (Breaks away from his thoughts.) This isn't fair to Tara. She deserves something better. She never got a fair deal. Not even from nature. Neither of us did. Maybe God never wanted us to be separated. Destiny desires strange things. We were meant to die and our mortal remains preserved in formaldehyde for future generations to study. Our purpose in life was maybe that.

Only that. But even God does not always get what he wants. Conflict is the crux of life. A duel to the death between God and nature on one side and on the other—the amazing Dr Thakkar. (Smiles.) Yes. You will be pleased to know that I have found my beginning.

A television show type signature tune fades in while the spot fades out. Although Dan is interviewing Dr Thakkar, he remains where he is, in darkness. The tune ends and a spot picks up Dr Thakkar, seated as if being interviewed in a studio.

DAN (mock-cheerful). Good evening, viewers, and welcome to another edition of Marvels in the World of Medicine. We have with us this evening at our studio Dr Umakant Thakkar who has been in the news lately for his outstanding work at the Queen Victoria Memorial Hospital in Bombay. Dr Thakkar has been associated with many major hospitals in the USA, most notably the Children's Hospital in Philadelphia. During his stay at the Queen Victoria Hospital, he was surgeon-in-chief to a most unique and complex surgery, the first of its kind in India. Dr Thakkar, could you tell us what was so special about this surgery?

DR THAKKAR. To start with, the patients were only a few months old and ...

DAN. How old were they exactly?

DR THAKKAR. Oh, three months.

DAN (mock-surprised). Three months? Was the surgery really necessary?

DR THAKKAR. Yes, absolutely. Surgery was their only chance of survival. You see, they were twins, conjoined from the chest down.

DAN. Siamese twins?

DR THAKKAR. Yes. That is the common term used for them.

DAN. Is it a rare phenomenon?

DR THAKKAR. Twins as such are not so rare, the chances...

OR

TARA. You know who I met? The ugliest girls in the whole world. Prema and Nalini. They live in the building opposite. They had a friend with them. Equally ugly. They were all running across the street, laughing their ugly heads off over something. When they saw me get off the car, they stopped. They stopped running

and they stopped laughing. And they waited, watching me get off and walk across the footpath towards them. Embarrassing me, making me go slower than I would. When I reached them, they grinned. Nalini whispered something to her ugly friend. I knew what was coming. Might as well play along, I thought. I smiled and introduced myself. We exchanged names. Nalini and Prema. The other one just tittered. I smile to her as well. Then I showed it to them. The duckling couldn't believe her eyes. She stared at my leg. She felt it and knocked on it. Silly as well as ugly, I thought. 'The very best from Jaipur,' I said. 'We get them in pairs. My twin brother wears the other one.' CHANDAN (laughs). You didn't.

TARA. Then they ran off. Pleased with themselves, laughing even harder. Their day was made. One of these days I'm going to tell them exactly how frightful they look.

CHANDAN. Maybe they already know.

TARA. Still, it would be nice to see their reaction. Oh, play the music real loud. Beethoven was never as good as this.

Chandan turns up the volume.

With the next phrase of music, Roopa is seen at the street as she hesitantly walks towards the Patels' house. She enters and stands near the door, not knowing what to do. Chandan notices her first. He stops the music.

TARA. Why did you do that? I was just enjoying...

CHANDAN. Hello.

TARA (turns around). Oh, hello.

ROOPA. Hello.

TARA. Won't you come in? We were just talking about you.

ROOPA (gushing). Oh, really? We've only just met!

TARA. Yes. I was just telling Chandu about how you were admiring my leg.

ROOPA. Oh that! I'm sorry, I hope you didn't mind.

TARA. Mind? Why should I mind?

ROOPA. Oh it's just that... I thought you might feel ... you know.

TARA. Hurt? Embarrassed? Not at all. You can say it sort of 'runs' in the family— this leg. Chandu—show her yours.

Chandu proudly shows his Jaipur leg to her.

ROOPA. Oh, wow! I can't believe it. Both of you! I don't get it. How? When?

TARA. We don't get it either. And we didn't get your name.

ROOPA. Oh. Didn't I tell you? Nalini and Prema didn't give me half a chance. You know, those two love to gas about. If I were you, I would stay away from them.

They'll talk behind your back and all that. Real bitches. They'll think of all kinds of (1×10=10)

6. Attempt any two questions (each to be answered in 500 words approximately) out of the given three.

A) *Tara* is a novel based on gender discrimination and patriarchal nature of typical Indian society. Discuss.

B) Critically analyse the character of Patel.

C) Discuss themes of the play *Tara*. (2×10=20)

Exam Code: 103206
(20)

Paper Code: 6130

Programme: Bachelor of Arts
Semester--VI

Course Title: Punjabi (Elective)

Course Code: BARL-6208 ✓

Time Allowed: 3 Hours

Max Marks: 80

ਨੋਟ: ਹੇਠ ਲਿਖਿਆਂ ਪ੍ਰਸ਼ੰਨਾਂ ਵਿੱਚੋਂ ਕੋਈ ਪੰਜ ਪ੍ਰਸ਼ੰਨ ਕਰੋ। ਹਰ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ੰਨ ਕਰਨਾ ਜ਼ਰੂਰੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ੰਨ ਕਿਸੇ ਵੀ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰ ਪ੍ਰਸ਼ੰਨ ਦੇ 16 ਅੰਕ ਹਨ।

ਸੈਕਸ਼ਨ A

1. ਪੂਰਵ ਨਾਨਕ ਕਾਲ ਵਿੱਚ ਮਿਲਦੇ ਲੋਕ ਸਾਹਿਤ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿਓ।
2. ਨਾਨਕ ਕਾਲ ਦੀ ਸੂਫੀ ਕਾਵਿਧਾਰਾ ਦੀਆਂ ਪ੍ਰਾਪਤੀਆਂ ਉੱਤੇ ਨੋਟ ਲਿਖੋ।

ਸੈਕਸ਼ਨ B

3. ਸਾਹਿਤ ਅਤੇ ਸ਼ਖਸੀਅਤ ਤੇ ਨੋਟ ਲਿਖੋ।
4. ਸਾਹਿਤ ਅਤੇ ਸੱਭਿਆਚਾਰ ਤੇ ਵਿਚਾਰ ਚਰਚਾ ਕਰੋ।

ਸੈਕਸ਼ਨ C

5. ਸੋਰਠਾ ਅਤੇ ਕੋਰੜਾ ਛੰਦ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਲੱਛਣ ਲਿਖੋ।
6. ਸਫਰਨਾਮਾ ਦੀ ਪਰਿਭਾਸ਼ਾ ਦੱਸ ਕੇ ਤੱਤ ਲਿਖੋ।

ਸੈਕਸ਼ਨ D

7. ਵਿਹਾਰਿਕ ਆਲੋਚਨਾ ਦੇ ਸਿਧਾਂਤਕ ਪੱਖ ਤੇ ਨੋਟ ਲਿਖੋ।
8. ਹੇਠ ਲਿਖੀ ਕਵਿਤਾ ਦੀ ਵਿਹਾਰਕ ਆਲੋਚਨਾ ਕਰੋ।

ਤੂੰ ਠਾਕੁਰ ਤੁਮ ਪਛਿ ਅਰਦਾਸ
ਜੀਉ ਪਿੰਡ ਸਭ ਤੇਰੀ ਰਾਸ
ਤੁਮ ਮਾਤ ਪਿਤਾ ਹਮ ਬਾਰਿਕ ਤੇਰੇ
ਤੁਮਰੀ ਕ੍ਰਿਪਾ ਮਹਿ ਸੂਖ ਘਨੇਰੇ
ਕੋਈ ਨਾ ਜਾਨੈ ਤੁਮਰਾ ਅੰਤ
ਊਚੇ ਤੇ ਊਚਾ ਭਗਵੰਤ
ਸਗਲ ਸਮਗ੍ਰੀ ਤੁਮਰੇ ਸੂਤਰ ਧਾਰੀ
ਤੁਮ ਤੇ ਹੋਇ ਸੋ ਆਗਿਆਕਾਰੀ
ਤੁਮੀਰ ਗਤਿ ਮਿਤ ਤੁਮ ਹੀ ਜਾਨੀ
ਨਾਨਕ ਦਾਸ ਸਦਾ ਕੁਰਬਾਨੀ

(For Reappear Candidates Old Syllabus (2021-22))

Exam Code: 103206

Paper Code: 9601

Bachelor of Arts, Semester-VI
 Course Title: English (Compulsory)
 Course Code: BARL-6212 ✓

Examination Time: 3 Hrs.

Marks: 40

Section-A**1. Answer any five questions in 50 words each. Each question carries 2 marks.**

- i. What kind of change comes in Emily's behaviour with time.
- ii. Why was't it a good time to sell the villa.
- iii. Explain the following line with reference to context "The Fly-wheel might gooble him up."
- iv. Write a brief note on the relationship between Juggat and Nooran.
- v. How is Train to Pakistan a partition novel.
- vi. Describe the dacoity in Train to Pakistan.

Section-B**2. Answer two questions in 250 words each choosing from the prescribed play. Each question carries 5 marks.**

- i. Compare and contrast the characters of Juggat Singh and Iqbal.
- ii. Sketch the character of Hukum Chand in 'Train to Pakistan'.
- iii. Discuss 'Train to Pakistan' as a Timeline novel rooted in the Partition of India'.
- iv. Describe the historical significance of the novel 'Train to Pakistan'.

Section-C**3. Answer two questions in 250 words each from the book of poems. Each question carries 5 marks.**

- i. Comment on the title of the play 'The Monkey's Paw'.
- ii. Bring out the theme of the play 'The Will'.
- iii. Discuss 'Villa for Sale' as a hilarious comedy.
- iv. Draw the character sketch of Prf. Henry Corrie.

Section-D**4. Write a 300 words essay on anyone of the following topics.**

- i. Internet and Education
- ii. Global health challenges due to Pollution

(1x6=6)

5. Write a report on the

- i. The NSS Camp attended by You

OR

- ii. Write a report on Republic Day Celebrations in your District.

(1x4=4)

Exam Code: 103206
(60)

Paper Code: 6112

Programme: Bachelor of Arts
Semester--VI

Course Title: History (History of The Punjab (1799-1966)

Course Code: BARL-6273

Time Allowed: 3 Hours

Max Marks: 80

Attempt three question, selecting one question from first three section in about 1200 words. Attempt both question from section IV. Each question will carry 16 marks.

Section-I

1. Describe the conquest of Kashmir by Maharaja Ranjit Singh?
2. Discuss the main features of the Land revenue system under Maharaja Ranjit Singh?

Section-II

3. Discuss the cause and results of Second Anglo Sikh War?
4. Discuss the contribution of the Namdhari Movement in India's freedom struggle?

Section-III

5. What was the Gurdwara Reform Movement discuss any two morchas?

6. Describe the problems faced by the government in the Reorganization and Rehabilitation of people after the partition of India?

Section-IV

(COMPULSORY UNIT/ATTEMPT BOTH QUESTIONS)

7. Answer any Eight question in 25 to 30 words Each question will carry 2 marks
 - i. Give two results of the Gurdwara Reform Movement?
 - ii. Why was the Khilafat Movement Started?
 - iii. Write two effects of partition of India?
 - iv. Write a note on Guru Ka Bagh Morcha
 - v. Name two members of HSRA?
 - vi. Write a note on Rowlatt Act?
 - vii. When and where was the Gadhar party started?
 - viii. Write two problems faced by the Government of India for the Rehabilitation of Refugees?
 - ix. Write a note on Kamagata Maru?
 - x. Give two results of Non-Cooperation Movement in Punjab?
 - xi. Write a note on Naujwan Bharat Sabha?
 - xii. Why was Non Cooperation Movement stopped by Gandhi ji?
8. Locate any four place on the political map of India and explain their importance in 5 line (16 marks)
 Multan, Lahore, Amritsar, Peshawar, Kashmir, Ramnagar, Gujrat, Kasoor

Hindi Version

लगभग 1200 शब्दों में पहली तीन सैक्शन में से एक प्रश्न का चयन करते हुए तीन प्रश्नों का उत्तर लिखो। सैक्शन IV से दोनों प्रश्नों को हल करें। प्रत्येक प्रश्न 16 अंक का होगा।

सैक्शन - I

1. महाराजा रणजीत सिंह द्वारा कश्मीर विजय का वर्णन कीजिए।
2. महाराजा रणजीत सिंह के अधीन भू-राजस्व व्यवस्था की मुख्य विशेषताओं की चर्चा कीजिए।

सैक्शन - II

3. द्वितीय आंग्लो सिख युद्ध के कारण एवं परिणामों की चर्चा कीजिए।
4. भारत के स्वतंत्रता संग्राम में नामधारी आंदोलन के योगदान की चर्चा कीजिए।

सैक्शन - III

5. गुरुद्वारा सुधार आंदोलन क्या था किन्हीं दो मोर्चों पर चर्चा करें?
6. भारत के विभाजन के बाद लोगों के पुनर्गठन और पुनर्वास में सरकार के सामने आने वाली समस्याओं का वर्णन कीजिए।

सैक्शन -IV

(अनिवार्य इकाई/दोनों प्रश्नों के उत्तर दें)

7. किन्हीं आठ प्रश्नों के उत्तर 25 से 30 शब्दों में दीजिए। प्रत्येक प्रश्न 2 अंक का होगा
- i. गुरुद्वारा सुधार आन्दोलन के दो परिणाम बताएँ?
 - ii. खिलाफत आंदोलन क्यों शुरू किया गया था?
 - iii. भारत विभाजन के दो प्रभाव लिखिए?
 - iv. गुरु का बान मोर्चा पर एक नोट लिखें?
 - v. HSRA के दो सदस्यों के नाम बताएं ?
 - vi. रौलेट एक्ट पर एक टिप्पणी लिखिए।
 - vii. गदर पार्टी की शुरुआत कब और कहाँ हुई थी?
 - viii. शरणार्थियों के पुनर्वास के लिए भारत सरकार के सामने आने वाली दो समस्याओं को लिखें ?
 - ix. कामागाटा मारु पर एक नोट लिखें?
 - x. पंजाब में असहयोग आंदोलन के दो परिणाम दीजिए?
 - xi. नौजवान भारत सभा पर एक टिप्पणी लिखिए।
 - xii. असहयोग आंदोलन को गाँधी जी ने क्यों रोका?
8. भारत के राजनीतिक मानचित्र पर किन्हीं चार स्थानों का पता लगाएँ और उनके महत्व को 5 पंक्तियों में समझाएँ (स्पष्टीकरण के साथ प्रत्येक सही उत्तर के लिए 4 अंक होंगे)

मुल्तान, लाहौर, अमृतसर, पेशावर, कश्मीर, रामनगर, गुजरात, कसूर

Punjabi Version

ਪਹਿਲੇ ਤਿੰਨ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਦੀ ਚੋਣ ਕਰਦੇ ਹੋਏ ਲਗਭਗ 1200 ਸ਼ਬਦਾਂ ਵਿੱਚ ਤਿੰਨ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ। ਸੈਕਸ਼ਨ IV ਤੋਂ ਦੋਵਾਂ ਪ੍ਰਸ਼ਨਾਂ ਲਾਜ਼ਮੀ ਹਨ, ਹਰ ਪ੍ਰਸ਼ਨ 16 ਅੰਕਾਂ ਦਾ ਹੋਵੇਗਾ।

ਸੈਕਸ਼ਨ-I

1. ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਦੁਆਰਾ ਕਸ਼ਮੀਰ ਦੀ ਜਿੱਤ ਦਾ ਵਰਣਨ ਕਰੋ?
2. ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਦੇ ਅਧੀਨ ਭੂਮੀ ਮਾਲੀਆਂ ਪ੍ਰਣਾਲੀ ਦੀਆਂ ਮੁੱਖ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ ਬਾਰੇ ਚਰਚਾ ਕਰੋ ?

ਸੈਕਸ਼ਨ-II

3. ਦੂਜੀ ਐਂਗਲੋ ਸਿੱਖ ਜੰਗ ਦੇ ਕਾਰਨ ਅਤੇ ਨਤੀਜਿਆਂ ਬਾਰੇ ਚਰਚਾ ਕਰੋ?
4. ਭਾਰਤ ਦੇ ਸੁਤੰਤਰਤਾ ਸੰਗਰਾਮ ਵਿੱਚ ਨਾਮਧਾਰੀ ਅੰਦੋਲਨ ਦੇ ਯੋਗਦਾਨ ਦੀ ਚਰਚਾ ਕਰੋ ?

ਸੈਕਸ਼ਨ-III

5. ਗੁਰਦੁਆਰਾ ਸੁਧਾਰ ਲਹਿਰ ਬਾਰੇ ਕਿਸੇ ਦੋ ਮੋਰਚਿਆਂ ਬਾਰੇ ਚਰਚਾ ਕਰੋ ਸੀ?
6. ਭਾਰਤ ਦੀ ਵੰਡ ਤੋਂ ਬਾਅਦ ਲੋਕਾਂ ਦੇ ਪੁਨਰਗਠਨ ਅਤੇ ਮੁੜ ਵਸੇਬੇ ਵਿੱਚ ਸਰਕਾਰ ਨੂੰ ਦਰਪੇਸ਼ ਸਮੱਸਿਆਵਾਂ ਦਾ ਵਰਣਨ ਕਰੋ?

ਸੈਕਸ਼ਨ-IV

(ਲਾਜ਼ਮੀ ਸੈਕਸ਼ਨ/ਦੋਵੇਂ ਸਵਾਲਾਂ ਦੀ ਕੋਸ਼ਿਸ਼)

7. ਕਿਸੇ ਵੀ ਅੱਠ ਸਵਾਲਾਂ ਦੇ ਜਵਾਬ 25 ਤੋਂ 30 ਸ਼ਬਦਾਂ ਵਿੱਚ ਦਿਓ ਹਰ ਸਵਾਲ ਦੇ 2 ਅੰਕ ਹੋਣਗੇ

- i. ਗੁਰਦੁਆਰਾ ਸੁਧਾਰ ਲਹਿਰ ਦੇ ਦੋ ਨਤੀਜੇ ਦੱਸੋ ?
- ii. ਖ਼ਿਲਾਫਤ ਅੰਦੋਲਨ ਕਿਉਂ ਸ਼ੁਰੂ ਕੀਤਾ ਗਿਆ ਸੀ?
- iii. ਭਾਰਤ ਦੀ ਵੰਡ ਦੇ ਦੋ ਪ੍ਰਭਾਵ ਲਿਖੋ?
- iv. ਗੁਰੂ ਕਾ ਬਾਗ਼ ਦੇ ਮੋਰਚੇ ਬਾਰੇ ਇੱਕ ਨੋਟ ਲਿਖੋ?
- v. HSRA ਦੇ ਦੋ ਮੈਂਬਰਾਂ ਦੇ ਨਾਮ ਦੱਸੋ?
- vi. ਰੋਲਟ ਐਕਟ ਤੇ ਇੱਕ ਨੋਟ ਲਿਖੋ?
- vii. ਗਦਰ ਪਾਰਟੀ ਕਦੋਂ ਅਤੇ ਕਿੱਥੇ ਸ਼ੁਰੂ ਹੋਈ ਸੀ ?
- viii. ਸ਼ਰਨਾਰਥੀਆਂ ਦੇ ਪੁਨਰਵਾਸ ਲਈ ਭਾਰਤ ਸਰਕਾਰ ਨੂੰ ਦਰਪੇਸ਼ ਦੋ ਸਮੱਸਿਆਵਾਂ ਲਿਖੋ?
- ix. ਕਾਮਾਗਾਟਾ ਮਾਰੂ, ਤੇ ਇੱਕ ਨੋਟ ਲਿਖੋ ?
- x. ਪੰਜਾਬ ਵਿੱਚ ਅਸਹਿਯੋਗ ਅੰਦੋਲਨ ਦੇ ਦੋ ਨਤੀਜੇ ਦੱਸੋ ?
- xi. ਨੌਜਵਾਨ ਭਾਰਤ ਸਭਾ ਬਾਰੇ ਇੱਕ ਨੋਟ ਲਿਖੋ ?
- xii. ਗਾਂਧੀ ਜੀ ਦੁਆਰਾ ਅਸਹਿਯੋਗ ਅੰਦੋਲਨ ਨੂੰ ਕਿਉਂ ਰੋਕਿਆ ਗਿਆ ਸੀ?

8. ਭਾਰਤ ਦੇ ਰਾਜਨੀਤਿਕ ਨਕਸ਼ੇ ਤੇ ਕੋਈ ਵੀ ਚਾਰ ਸਥਾਨ ਲੱਭੋ ਅਤੇ ਉਨ੍ਹਾਂ ਦੀ ਮਹੱਤਤਾ ਨੂੰ 5 ਲਾਈਨਾਂ ਵਿੱਚ ਸਮਝਾਓ :-

(ਵਿਆਖਿਆ ਦੇ ਨਾਲ ਹਰੇਕ ਸਹੀ ਉੱਤਰ ਵਿੱਚ 4 ਅੰਕ ਹੋਣਗੇ।)

ਮੁਲਤਾਨ, ਲਾਹੌਰ, ਅੰਮ੍ਰਿਤਸਰ, ਪੇਸ਼ਾਵਰ, ਕਸ਼ਮੀਰ, ਰਾਮਨਗਰ, ਗੁਜਰਾਤ, ਕਸੂਰ

Exam Code: 103206

Paper Code: 6125

Programme: Bachelor of Arts

Semester-VI

Course Title: Philosophy (Indian Metaphysics and Epistemology)

Course Code: BARL-6377

Time Allowed: 3 Hours

Max Marks: 80

Note: Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question carries 16 Marks.

Section-A

- Q1. Explain Vaidik and Avaidik System of Indian Philosophy.
- Q2. Describe nature of Carvaka philosophy and its materialism.

Section- B

- Q3 Explain the process of evolution and dissolution in Samkhya Darshan with the nature of Purusa and Prakirti in Samkhya Darshan.
- Q4. What is the concept of maya and avidya in Shankaracharya Darshan?

Section-C

- Q5. Explain Buddhism and its theory of causation.
- Q6. Describe Vaishesika Darshan and its six categories.

Section- D

- Q7. Explain the concept of Akal Purakh and Jagat Rachna in Sikh philosophy.
- Q8. Illustrate the doctrine of Anekantvada & Syadvad in Jainism.

Exam Code: 103206
(50)

Paper Code: 6121

Programme: Bachelor of Arts
Semester--VI

Course Title: Political Science (International Relations)

Course Code: BARL-6406 ✓

Time Allowed: 3 Hours

Max Marks: 80

Note: - Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question carries sixteen marks.

SECTION -A

1. What do you understand by International Politics?
Describe its scope and significance
2. Critically examine Realist Approach to the study of International Politics.

SECTION —B

3. Write down the elements of National Power. What are its limitations'?
4. Define Balance of Power and Write down its methods.

SECTION —C

5. Explain the characteristics of the emerging World Order.
6. What do you mean by Terrorism? Write down its consequences at international level.

SECTION-D

7. Write down the weaknesses of the United Nations and give suggestions to reform it.
8. Elaborate in detail the objectives, principles and the problems of SAARC.

Hindi version

ध्यान दें:— अभ्यर्थियों को प्रत्येक अनुभाग से कम से कम एक प्रश्न का चयन करते हुए पांच प्रश्नों का उत्तर देना होगा। पांचवें प्रश्न को किसी भी अनुभाग से हल किया जा सकता है। प्रत्येक प्रश्न सोलह अंक का होगा।

अनुभाग—ए

1. अंतर्राष्ट्रीय राजनीति से आप क्या समझते हैं? इसके दायरे और महत्व का वर्णन करें।
2. अंतर्राष्ट्रीय राजनीति के अध्ययन में यथार्थवादी दृष्टिकोण का आलोचनात्मक परीक्षण करें।

अनुभाग—बी

3. राष्ट्रीय शक्ति के तत्व लिखिए। इसकी सीमाएँ क्या हैं?
4. शक्ति सतुलन को परिभाषित करें तथा इसकी विधियाँ लिखिए।

अनुभाग—सी

5. उभरती विश्व व्यवस्था की विशेषताओं की व्याख्या करें।
6. आतंकवाद से आप क्या समझते हैं? अंतर्राष्ट्रीय स्तर पर इसके परिणाम लिखिए।

अनुभाग—डी

7. संयुक्त राष्ट्र की कमजोरियाँ लिखिए तथा उसमें सुधार हेतु सुझाव दीजिए।
8. सार्क के उद्देश्यों, सिद्धांतों और समस्याओं पर विस्तार से प्रकाश डालिए।

Exam Code: 103206

Paper Code: 6115

Programme: Bachelor of Arts (Semester VI)

Course Title: Public Administration (Development Administration)

Course Code: BARL-6414

Time Allowed: 3 Hours

Maximum Marks: 80

Note: Candidates are required to attempt five questions in all, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question carries 16 marks.

Section A

1. Define Development Administration and Write Its Scope.
2. Describe the Importance or Significance of Development Administration.

Section B

3. Write a Note on Planning Commission of India.
4. Write A Note on Good Governance.

Section C

5. Define Public Sector. Write About Its Evolution and Expansion.
6. Discuss About Ministerial Control Over Public Sector.

Section D

7. Discuss About Social Welfare and Development.
8. Describe the Administrative Set Up for the Welfare of Scheduled Caste and Backward Classes at State Level.

Exam Code: 103206

Paper Code: 6115

Programme: Bachelor of Arts (Semester VI)

Course Title: Public Administration (Development Administration)

Course Code: BARL-6414

Time Allowed: 3 Hours

Maximum Marks: 80

नोट: उम्मीदवारों को प्रत्येक खण्ड से कम से कम एक प्रश्न का चयन करते हुए पाँच प्रश्न करने हैं। पांचवां प्रश्न किसी भी खण्ड से किया जा सकता है। प्रत्येक प्रश्न के सोलह अंक हैं।

खंड क

1. विकास प्रशासन को परिभाषित कीजिए तथा इसकी व्यापकता पर चर्चा करें।
2. विकास प्रशासन के महत्व या महत्व का वर्णन करें।

खंड ख

3. भारत के योजना आयोग पर एक नोट लिखें।
4. सुशासन पर एक नोट लिखें।

खंड ग

5. सार्वजनिक क्षेत्र को परिभाषित करें। इसके विकास और विस्तार के बारे में लिखें।
6. सार्वजनिक क्षेत्र पर मंत्रिस्तरीय नियंत्रण के बारे में चर्चा करें।

खंड घ

7. समाज कल्याण और इसके विकास के बारे में चर्चा करें।
8. राज्य स्तर पर अनुसूचित जाति और पिछड़े वर्गों के कल्याण के लिए प्रशासनिक ढांचे का वर्णन करें।

Exam Code: 103206
(30)

Paper Code: 6118

Programme: Bachelor of Arts
Semester--VI

Course Title: Sociology (Social Research and Scientific Methods)

Course Code: BARL-6475 ✓

Time Allowed: 3 Hours

Max Marks: 80

Note : Attempt 5 questions out of 8, Selecting atleast one from each section and 5th can be attempted from any section. All question carry equal marks. (16)

Section-I

1. Define Social Research. Discuss its features and types?
2. Write a note on Hypothesis?

Section-II

3. Write a note on Experimental research design?
4. What are the types of Sampling?

Section-III

5. Discuss participant and non-participant observation?
6. What are the types of Schedule?

Section-IV

7. Discuss the technique of report Writing?
8. Describe data analysis?

16*5=80

Punjabi Version

Section-I

1. ਸਮਾਜਿਕ ਖੋਜ ਨੂੰ ਪਰਿਭਾਸ਼ਿਤ ਕਰੋ। ਇਸ ਦੀਆਂ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ ਅਤੇ ਕਿਸਮਾਂ ਬਾਰੇ ਚਰਚਾ ਕਰੋ ?
2. ਹਾਈਪੋਥੀਸਿਸ 'ਤੇ ਇੱਕ ਨੋਟ ਲਿਖੋ ?

Section-II

3. ~~ਹਾਈਪੋਥੀਸਿਸ 'ਤੇ ਇੱਕ ਨੋਟ ਲਿਖੋ ?~~ ਪ੍ਰਯੋਗਾਤਮਕ ਖੋਜ ਡਿਜ਼ਾਈਨ 'ਤੇ ਇੱਕ ਨੋਟ ਲਿਖੋ ?
4. ਸੈਂਪਲਿੰਗ ਦੀਆਂ ਕਿਸਮਾਂ ਕੀ ਹਨ?

Section-III

5. ਭਾਗੀਦਾਰ ਅਤੇ ਗੈਰ-ਭਾਗੀਦਾਰ ਨਿਰੀਖਣ ਬਾਰੇ ਚਰਚਾ ਕਰੋ ?
6. ਅਨੁਸੂਚੀ ਦੀਆਂ ਕਿਸਮਾਂ ਕੀ ਹਨ ?

Section-IV

7. ਰਿਪੋਰਟ ਲਿਖਣ ਦੀ ਤਕਨੀਕ ਬਾਰੇ ਚਰਚਾ ਕਰੋ ?
8. ਡੇਟਾ ਵਿਸ਼ਲੇਸ਼ਣ ਦਾ ਵਰਣਨ ਕਰੋ ?

Exam Code: 103206

Paper Code: 6132

Programme: Bachelor of Arts

Semester-VI

Course Title: English (Honours) English Drama

Course Code: BARL-6559 ✓

Time Allowed: 3 Hours

Max Marks: 80

Note: Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question carries 16 Marks.

Section-A

1. How does ambition drive the actions of Macbeth and Lady Macbeth in the play? Provide examples of key scenes that illustrate the consequences of their ambition. 16
2. How does Shakespeare use supernatural elements, such as the witches and prophecies, to heighten the tension and advance the plot in "Macbeth"? 16

Section-B

3. Analyze the significance of identity and past experiences in shaping the behavior of characters like Agnes and Stanley in "The Birthday Party." 16
4. How does Galsworthy use symbolism and stage directions to convey the inner turmoil of the characters in "The Birthday Party"? 16

Section-C

5. Analyze the moral dilemmas faced by William Falder in "Justice." How do his decisions reflect larger ethical questions about guilt, redemption, and forgiveness? 16

6. Explore the symbolism of the prison in "Justice." How does the prison environment shape Falder's character development and the overall themes of the play? 16

Section-D

7. Explain the Following terms in about ten lines, giving examples where possible: 8 X 2 = 16

Comedy of Menace, tragedy

8. Explain the Following terms in about ten lines, giving examples where possible:

Theatre of the absurd, Satire

8 X 2 = 16

Exam Code: 103206
(20)

Paper Code: 6133

**Programme: Bachelor of Arts
Semester- VI**

**Course Title: Hindi (Honours): Bhartiya Kavya Shashtra
Evam Adhunik Alochna ki Pravrittiyan**

Course Code: BARL-6569



Time Allowed: 3 Hours

Max Marks: 80

नोट— यह प्रश्न पत्र चार भागों में विभाजित है। भाग एक अनिवार्य है। इसमें पूछे गए 4-4 अंकों छः प्रश्नों में से किन्हीं चार का उत्तर दें,। प्रश्न पत्र के भाग दो, तीन, चार में से किसी एक-एक प्रश्न का उत्तर देना अनिवार्य है पाँचवा प्रश्न विद्यार्थी प्रथम भाग के अतिरिक्त किसी भी भाग से कर सकता है। प्रत्येक प्रश्न के लिए निर्धारित अंक 16 हैं।

भाग—एक

1. (i) अलंकार से क्या तात्पर्य है।
(ii) अलंकार सिद्धांत की प्रमुख मान्यताओं का उल्लेख करें।
(iii) रस के स्वरूप को स्पष्ट कीजिए।
(iv) विभाव से आप क्या समझते हैं।

(v) रीति सिद्धांत के सन्दर्भ में गुण से क्या आशय है।

(vi) ध्वनि के तारतम्य के आधार पर काव्य के भेद बताएं।

भाग—दो

2. आधुनिक हिंदी समीक्षा के अर्थ एवं स्वरूप पर प्रकाश डालें।
3. समीक्षा/आलोचना के प्रमुख भेदों का संक्षिप्त परिचय दें।

भाग—तीन

4. प्रतीक के स्वरूप एवं भेद को स्पष्ट करें।
5. बिम्ब के स्वरूप एवं भेद को स्पष्ट कीजिए।

भाग—चार

6. राष्ट्रभाषा के रूप में हिंदी की विशेषताओं और समस्याओं से अवगत करवाएं।
7. राजभाषा के रूप में हिंदी की चुनौतियों और समाधान पर प्रकाश डालें।

Exam Code: 103206
(20)

Paper Code: 6134

Programme: Bachelor of Arts
Semester- VI

Course Title: Punjabi (Honours)

Course Code: BARL-6579 ✓

Time Allowed: 3 Hours

Max Marks: 80

ਨੋਟ: - ਕੁੱਲ 5 ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ। ਹਰ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ 16 ਅੰਕ ਹਨ।

ਸੈਕਸ਼ਨ-A

1. ਉੱਦਾਤ ਕੀ ਹੈ? ਕੀ ਇਸਦੀ ਭਾਵਨਾ ਜਮਾਂਦਰੂ ਹੈ ਜਾਂ ਇਹ ਸਿੱਖੀ ਜਾ ਸਕਦੀ ਹੈ? ਉੱਦਾਤ ਦਾ ਤੱਤ ਪੈਦਾ ਕਰਨ ਵਾਲੇ ਕਿਹੜੇ ਕਿਹੜੇ ਸਾਧਨ ਹਨ? ਵਿਸਥਾਰਪੂਰਬਕ ਨੋਟ ਲਿਖੋ। 16
2. ਸੰਰਚਨਾਵਾਦ ਕੀ ਹੈ? ਸੰਰਚਨਾਵਾਦੀ ਆਲੋਚਨਾ ਵਿਧੀ ਉੱਪਰ ਭਰਪੂਰ ਨੋਟ ਲਿਖੋ। 16

ਸੈਕਸ਼ਨ-B

3. ਚਿੰਨ੍ਹ ਦੀ ਪਰਿਭਾਸ਼ਾ ਦਿੰਦੇ ਹੋਏ ਚਿੰਨ੍ਹਕ ਅਤੇ ਚਿੰਨ੍ਹਤ ਦੇ ਆਪਸੀ ਸੰਬੰਧਾਂ ਦਾ ਉਦਾਹਰਨਾਂ ਸਹਿਤ ਵਰਣਨ ਕਰੋ। 16

4. ਲਾਂਗ ਅਤੇ ਪੈਰੋਲ ਬਾਰੇ ਵਿਸਥਾਰ ਸਹਿਤ ਲਿਖੋ । 16

ਸੈਕਸ਼ਨ-C

5. (ੳ) ਭਾਸ਼ਾਈ ਯੋਗਤਾ
(ਅ) ਭਾਸ਼ਾਈ ਨਿਭਾਅ $8+8=16$
6. (ੳ) ਸ਼ੈਲੀ
(ਅ) ਸੰਰਚਨਾ $8+8=16$

ਸੈਕਸ਼ਨ-D

7. ਪਾਠ ਅਤੇ ਪ੍ਰਵਚਨ ਦੇ ਆਪਸੀ ਸੰਬੰਧਾਂ ਉੱਤੇ ਵਿਸਤਾਰਪੂਰਬਕ ਨੋਟ ਲਿਖੋ। 16
8. ਭਾਸ਼ਾਈ ਚਿੰਨ੍ਹ ਅਤੇ ਸੱਭਿਆਚਾਰਕ ਚਿੰਨ੍ਹ ਦੀ ਪਰਿਭਾਸ਼ਾ ਦਿੰਦੇ ਹੋਏ ਇਹਨਾਂ ਉੱਤੇ ਉਦਾਰਨਾਂ ਸਹਿਤ ਵਿਸਤਾਰਪੂਰਬਕ ਚਾਨਣਾ ਪਾਓ।

16

Exam Code: 103206

Paper Code: 6135

Programme: Bachelor of Arts (Semester – VI)

Course Title: History (Honours): Russian Revolution of

1917 and Russian Reconstruction under Lenin)

Course Code - BARL-6589

Examination Time: 3 Hours

Theory: 80

Note: Attempt five questions in all, selecting atleast one question from each section. Fifth question may be attempted from any section. Each question carries 16 marks. Answer each question in 1200 words.

ਨੋਟ: ਪਾँਚ ਪ੍ਰਸ਼ਨ ਹਲ ਕਰੋ। ਪ੍ਰਤ੍ਯੇਕ ਇਕਾਈ ਸੇ ਏਕ ਪ੍ਰਸ਼ਨ ਚੁਨੋਂ ਤਥਾ ਪਾँਚਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੀ ਭੀ ਇਕਾਈ ਸੇ ਕਿਆ ਜਾ ਸਕਤਾ ਹੈ। ਪ੍ਰਤ੍ਯੇਕ ਪ੍ਰਸ਼ਨ 16 ਅੰਕਾਂ ਕਾ ਹੋਗਾ। ਪ੍ਰਤ੍ਯੇਕ ਪ੍ਰਸ਼ਨ ਕਾ ਉਤਰ 1200 ਸ਼ਬਦੀਂ ਮੈਂ ਦੀਜ਼ਿਏ।

ਨੋਟ: ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰੋ। ਹਰੇਕ ਇਕਾਈ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਚੁਣੋ ਅਤੇ ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਇਕਾਈ ਤੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰੇਕ ਪ੍ਰਸ਼ਨ ਦੇ 16 ਅੰਕ ਹੋਣਗੇ। ਹਰੇਕ ਸਵਾਲ ਦਾ ਜਵਾਬ 1200 ਸ਼ਬਦਾਂ ਵਿੱਚ ਦਿਓ।

Section – A

1. What were the main causes and results of the February Revolution of 1917 in Russia?

ਰੂਸ ਮੈਂ 1917 ਕੀ ਫਰਵਰੀ ਕ੍ਰਾਂਤਿ ਕੇ ਮੁਖ ਕਾਰਨ ਔਰ ਪਰਿਣਾਮ ਕਯਾ ਥੇ?

ਰੂਸ ਵਿੱਚ 1917 ਦੀ ਫਰਵਰੀ ਕ੍ਰਾਂਤੀ ਦੇ ਮੁੱਖ ਕਾਰਨ ਅਤੇ ਨਤੀਜੇ ਕੀ ਸਨ?

2. What were the main results of the Russian Revolution of 1917?

1917 ਕੀ ਰੂਸੀ ਕ੍ਰਾਂਤਿ ਕੇ ਮੁਖ ਪਰਿਣਾਮ ਕਯਾ ਥੇ।

1917 ਦੀ ਰੂਸੀ ਕ੍ਰਾਂਤੀ ਦੇ ਮੁੱਖ ਨਤੀਜੇ ਕੀ ਸਨ?

Section – B

3. What steps did the Bolsheviks take to strengthen their control after the 1917 Revolution?

1917 ਦੀ ਕ੍ਰਾਂਤੀ ਦੇ ਬਾਦ ਬੋਲਸ਼ੇਵਿਕਾਂ ਨੇ ਅਪਨਾ ਨਿਯੰਤਰਣ ਸਥਾਪਤ ਕਰਨੇ ਦੇ ਲਿਏ ਕੀ ਕਦਮ ਉਠਾਏ?

1971 ਦੀ ਕ੍ਰਾਂਤੀ ਤੋਂ ਬਾਅਦ ਬੋਲਸ਼ੇਵਿਕਾਂ ਨੇ ਆਪਣੇ ਕੰਟਰੋਲ ਨੂੰ ਮਜ਼ਬੂਤ ਕਰਨ ਲਈ ਕਿਹੜੇ ਕਦਮ ਚੁੱਕੇ?

4. What were the causes of Civil War in Russia? Name the main groups fighting.

ਰੂਸ ਵਿੱਚ ਗ੍ਰਹਿਯੁੱਧ ਦੇ ਕੀ ਕਾਰਨ ਸਨ? ਲੜ ਰਹੇ ਮੁੱਖ ਸਮੂਹਾਂ ਦੇ ਨਾਮ ਦੱਸੋ।

ਰੂਸ ਵਿੱਚ ਘਰੇਲੂ ਯੁੱਧ ਦੇ ਕੀ ਕਾਰਨ ਸਨ? ਲੜ ਰਹੇ ਮੁੱਖ ਸਮੂਹਾਂ ਦੇ ਨਾਮ ਦੱਸੋ।

Section – C

5. What were the main changes in Russia after the 1917 Revolution?

1917 ਦੀ ਕ੍ਰਾਂਤੀ ਦੇ ਬਾਦ ਰੂਸ ਵਿੱਚ ਮੁੱਖ ਪਰਿਵਰਤਨ ਕੀ ਸਨ?

1917 ਦੀ ਕ੍ਰਾਂਤੀ ਤੋਂ ਬਾਅਦ ਰੂਸ ਵਿੱਚ ਮੁੱਖ ਬਦਲਾਅ ਕੀ ਸਨ?

6. What was War Communism, and why was it introduced in Russia?

ਯੁੱਧ ਸਾਮਰਾਜਵਾਦ ਕੀ ਸੀ ਅਤੇ ਇਸਨੂੰ ਰੂਸ ਵਿੱਚ ਕਿਉਂ ਪੇਸ਼ ਕੀਤਾ ਗਿਆ?

ਯੁੱਧ ਕਮਿਊਨਿਜ਼ਮ ਕੀ ਸੀ, ਅਤੇ ਇਸਨੂੰ ਰੂਸ ਵਿੱਚ ਕਿਉਂ ਪੇਸ਼ ਕੀਤਾ ਗਿਆ ਸੀ?

Section – D

7. Discuss the New Economic policy of Russia?

ਰੂਸ ਦੀ ਨਵੀਂ ਆਰਥਿਕ ਨੀਤੀ ਬਾਰੇ ਚਰਚਾ ਕਰੋ।

ਰੂਸ ਦੀ ਨਵੀਂ ਆਰਥਿਕ ਨੀਤੀ ਬਾਰੇ ਚਰਚਾ ਕਰੋ।

8. How did the Bolsheviks restructure the Russian state and economy after the October Revolution of 1917?

1917 ਦੀ ਅਕਤੂਬਰ ਕ੍ਰਾਂਤੀ ਦੇ ਬਾਦ ਬੋਲਸ਼ੇਵਿਕਾਂ ਨੇ ਰੂਸੀ ਰਾਜ ਅਤੇ ਆਰਥਿਕਤਾ ਨੂੰ ਕਿਵੇਂ ਬਦਲਿਆ?

1917 ਦੀ ਅਕਤੂਬਰ ਕ੍ਰਾਂਤੀ ਤੋਂ ਬਾਅਦ ਬੋਲਸ਼ੇਵਿਕਾਂ ਨੇ ਰੂਸੀ ਰਾਜ ਅਤੇ ਆਰਥਿਕਤਾ ਨੂੰ ਕਿਵੇਂ ਬਦਲਿਆ?

Exam Code: 103206
(20)

Paper Code: 6136

Programme: Bachelor of Arts
Semester--VI

Course Title: Political Science (Honours) : Comparative
Political Thought-II

Course Code: BARL-6599 

Time Allowed: 3 Hours

Max Marks: 80

Note: - Candidates are required to attempt five questions, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question carries sixteen marks.

SECTION —A

1. Elaborate in detail the socio-political thought of Swami Vivekananda.
2. Explain the role of Raja Ram Mohan Roy as a liberal political thinker.

SECTION —B

3. Analyze the contribution of Rabindra Nath Tagore during the freedom struggle of India.
4. Write an essay on Veer Savarkar's ideas on social reforms and nationalism.

SECTION —C

5. "M. N. Roy's concept of Radical Humanism marks a clear departure from Marxism" Examine this statement.
6. Examine the ideas of Mao Ze Dong about on Contradiction.

SECTION-D

7. Give the brief description of Political Liberalism focusing on the ideas of John Rawls.
8. Explain the Integral Humanism of Deen Dayal Upadhyay.

Hindi version

नोट:— उम्मीदवारों को प्रत्येक खण्ड से कम से कम एक प्रश्न का चयन करते हुए पाँच प्रश्न करने हैं। पांचवाँ प्रश्न किसी भी खण्ड से किया जा सकता है। प्रत्येक प्रश्न सोलह अंकों का होगा।

खंड—ए

1. स्वामी विवेकानन्द के समाजिक राजनीतिक चिंतन का विस्तार से वर्णन कीजिए।
2. एक उदार राजनीतिक चिंतक के रूप में राजा राम मोहन राय की भूमिका की व्याख्या कीजिए।

खंड—बी

3. भारत के स्वतंत्रता संग्राम के दौरान रवीन्द्र नाथ टैगोर के योगदान का विश्लेषण कीजिए।
4. समाजिक सुधारों और राष्ट्रवाद पर वीर सावकार के विचारों पर एक निबंध लिखिए।

खंड—सी

5. "एम. एन. रॉय कट्टरपंथी मानवतावाद की अवधारण मार्क्सवाद से स्पष्ट प्रस्थान करती है। इस कथन का परीक्षण कीजिए।
6. विरोधाभास के बारे में माओ जी डोंग के विचारों का परीक्षण कीजिए।

खंड-डी

7. जॉन रॉल्स के विचारों पर केन्द्रित राजनीतिक उदारवाद की संक्षिप्त विवरण दीजिए।
8. दीनदयाल उपाध्याय के एकात्म मानववाद की व्याख्या दीजिए।

Exam Code: 103206

Paper Code: 6138

Programme: Bachelor of Arts Semester-VI

Course Title: Psychology (Honours): Applied Psychology

Course Code: BARL-6619 

Time Allowed: 3 Hours

Max. Marks: 80

Note: Attempt Five Questions in all, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question carries 16 marks.

SECTION – A

1. Discuss in detail the nature and scope of Applied Psychology. 16
2. Write a short note on the following:
 - a. Characteristics of effective teachers
 - b. Tips for effective classroom management

8 X 2 = 16

SECTION – B

3. Define counseling. Explain in detail the process of counseling. 16
4. Show your familiarity with career counseling. 16

SECTION – C

5. Discuss in detail the nature and scope of Organizational Behavior. 16
6. Explain the concept of “Organizational Change”. How can it be managed? 16

SECTION – D

7. What is AIDS? Discuss in detail the role of a psychologist to deal with AIDS. 16
8. Discuss in detail the role of a psychologist to deal with Psycho-somatic Disorders. 16

Lib 2/6/25 K.M.V.-II (Mok)

Exam Code: 103206
(20)

Paper Code: 6128

Programme: Bachelor of Arts
Semester--VI

Course Title: Cosmetology (Vocational)

Course Code: BARM-6147 ✓

Time Allowed: 3 Hours

Max Marks: 40

NOTE: Attempt five question in all selecting at least ONE question from each section. The fifth question may be attempted from any section. All question carry equal (8) marks.

Section A

1. What is the importance of planning in a salon?
2. What is salon ownership and explain its types.

Section B

3. What is record keeping and why it is important in salon?
4. Define professional ethics. Give example of professional ethics towards employers and co- workers.

Section C

5. What are the safety precautions to follow when using chemicals in salon?

6. What is the purpose of client consultation?

Section D

7. Briefly describe permanent waving and explain bond broken while doing waving.
8. Describe classification of hair colour in detail.

Exam Code: 103206

Paper Code: 6122

Programme: Bachelor of Arts (Semester: VI)

Course Title: Indian Classical Dance (Kathak)

Course Code: BARM-6156 ✓

Time Allowed: 3 Hours

Maximum Marks: 40

Note: Attempt five questions in all, selecting at least one question from each section. Fifth question may be attempted from any section. Each question carries 8 marks.

Section – A

- Q1.** Describe in detail the techniques of Sattriya dance along with its music and instruments. (8)
- Q2.** Compare the techniques of Indian dances and western dances. (8)

Section – B

- Q3.** Describe the Nayak Bhedas. (8)
- Q4.** Write an essay on Guru Shishya Parampara. (8)

Section – C

- Q5.** Give the details of costume, makeup and instruments of folk dances of Arunachal Pradesh. (8)
- Q6.** Sthanak Bheda according to Abhinaya Darpana. (8)

Section – D

- Q7.** Arh Layakari in teentaal. (8)
- Q8.** Notation of Kaviti in roopak taal. (8)

(HINDI VERSION)

नोट- अभ्यर्थियों को प्रत्येक खंड से कम से कम एक प्रश्न चुनकर पाँच प्रश्न हल करने होंगे। पाँचवाँ प्रश्न किसी भी खंड से हल किया जा सकता है। प्रत्येक प्रश्न 8 अंकों का होगा।

इकाई-1

- प्रश्न 1. सत्त्रिया नृत्य की तकनीक, संगीत और वाद्यों का विस्तार से वर्णन करें। (8)
- प्रश्न 2. भारतीय नृत्यों और पाश्चात्य नृत्यों की तकनीक की तुलना करें। (8)

इकाई-2

- प्रश्न 3. नायक भेदों का वर्णन करें। (8)
- प्रश्न 4. गुरु शिष्य परम्परा पर एक निबंध लिखें। (8)

इकाई-3

- प्रश्न 5. अरुणाचल प्रदेश के लोक नृत्यों की वेशभूषा, श्रृंगार और वाद्यों का विवरण दें। (8)
- प्रश्न 6. अभिनय दर्पण के अनुसार स्थानक भेद। (8)

इकाई-4

- प्रश्न 7. तीनताल में अर्ह लयकारी। (8)
- प्रश्न 8. रूपक ताल में कवित का अंकन। (8)

Exam Code: 103206

Paper Code: 6129

Programme: Bachelor of Arts (Semester – VI)

Course Title: English (Elective)

Course Code: BARM – 6198

Time Allotted: 3 Hours

Max Marks: 50

SECTION-A

1. Attempt any three literary terms out of the given five. (Each to be answered in 100 words approximately) (3×3=9)

a. Essay b. Novel c. Biography d. Criticism e. Short story

SECTION-B

2. Write phonetic transcription of any nine words out of the given twelve words. (9×1=9)

a. Harvest b. Necessity c. Parasite d. Regular
e. Identity f. Gender g. Journey h. Occupy
i. Reclaim j. Towel k. Grass l. Carton

SECTION-C

3. Attempt any one Reference to Context in about 300 words approximately. (1×6=6)

The wife mostly kept her eyes fixed ahead, though with little interest—the scene for that matter being one that might have been matched at almost any spot in any county in England at this time of the year; a road neither straight nor crooked, neither level nor hilly, bordered by hedges, trees, and other vegetation, which had entered the blackened-green stage of colour that the doomed leaves pass through on their way to dingy, and yellow, and red. The grassy margin of the bank, and the nearest hedgerow boughs, were powdered by the dust that had been stirred over them by hasty vehicles, the same dust as it lay on the road deadening their footfalls like a carpet; and this, with the aforesaid total absence of conversation, allowed every extraneous sound to be heard.

For a long time there was none, beyond the voice of a weak bird singing a trite old evening song that might doubtless have been heard on the hill at the same hour, and with the self-same trills, quavers, and breves, at any sunset of that season for centuries untold. But as they approached the village sundry distant shouts and rattles reached their ears from some elevated spot in that direction, as yet screened from view by foliage. When the outlying houses of Weydon-Priors could just be descried, the family group was met by a turnip-hoer with his hoe on his shoulder, and his dinner-bag suspended from it. The reader promptly glanced up.

'Any trade doing here?' he asked phlegmatically designating the village in his van by a wave of the broadsheet. And thinking the labourer did not understand him, he

added, 'Anything in the hay-trussing line?' The turnip-hoer had already begun shaking his head. Why, save the man, what wisdom's in him that'a should come to Weydon for a job of that sort this time o' year?"

OR

What Henchard saw thus early was, naturally enough, seen at a little later date by other people. That Mr Farfrae walked with that bankrupt Henchard's stepdaughter, of all women, became a common topic in the town, the simple perambulating term being used hereabout to signify a wooing; and the nineteen superior young ladies of Casterbridge, who had each looked upon herself as the only woman capable of making the merchant Councilman happy, indignantly left off going to the church Farfrae attended, left off conscious mannerisms, left off putting him in their prayers at night amongst their blood relations; in short, reverted to their natural courses. Perhaps the only inhabitants of the town to whom this looming choice of the Scotchman's gave unmixed satisfaction were the members of the philosophic party, which included Longways, Christopher Coney, Billy Wills, Mr Buzzford, and the like. The Three Mariners having been, years before, the house in which they had witnessed the young man and woman's first and humble appearance on the Casterbridge stage, they took a kindly interest in their career, not unconnected, perhaps, with visions of festive treatment at their hands hereafter. Mrs Stannidge, having rolled into the large parlour one evening and said that it was a wonder such a man as Mr Farfrae, 'a pillow of the town', who might have chosen one of the daughters of the professional men or private residents, should stoop so low, Coney ventured to disagree with her.

4. Attempt any two questions (each to be answered in 500 words approximately) out of the given three. (2×5=10)

- A) Elizabeth Jane is good, simple and innocent women who is buffeted by life and cheated at many stages in the novel. Explain this with special reference to Hardy's mayor of Casterbridge.
- B) Discuss the role of women characters in life of Henchard.
- C) Discuss major themes of novel Mayor of Casterbridge.

SECTION-D

5. Attempt any one Reference to Context in about 300 words approximately. (1×6=6)

DAN. In poetry, even the most turbulent emotions can be recollected when one is half asleep. But in drama! Ah! Even tranquility has to be recalled with emotion. Like touching a bare live wire. Try distancing yourself from that experience and writing about it! A mere description will be hopelessly inadequate. And for me ... I have to relive that charge over and over again. (Pause.) Excuse me while I recharge myself.

Limps to a cabinet, pulls out a bottle of liquor, pours some into a glass and drinks.

Yes. I have my memories. Locking myself in a bedsitter in a seedy suburb of London, thousands of miles from home hasn't put enough distance between us.

(Holds up his glass.) My battery charger helps on some occasions. But now I want them to come back. To masticate my memories in my mind and spit out the result to the world in anger. (Picks up the sheet he has been typing.) My progress, so far, I must admit, has been zero. But I persist with the comforting thought that things can't get any worse. I keep staring at my typewriter every day, wondering how best to turn my anguish into drama. All I find every day, without fail, is one typewritten sheet with the title of the play, my name and address and the date. Nothing changes— except the date. (Reads from the paper,) 'Twinkle Tara. A drama in two acts by Chandan Patel. Copyright, Chandan Patel, 93 Fishpond's Road, Tooting, London

SW17 7LJ.' Today I made some progress. I even typed my phone number. (Puts down the paper.) Not to say that I don't have anything to show to the world yet, I do.

For instance, these. (Picks up a manuscript.) Random Raj. Short stories on the British Raj. Still hounding publishers. The publishers here ignore them because none of them deal with sati, dowry deaths or child marriages—all subjects guaranteed to raise the interest of the average Western intellectual. And back home, of course, Indo-Anglian literature isn't worth toilet paper. (Throws the manuscript away.)

But that's all done with. Tonight I drop everything I've desperately wanted to be in my years in England. (Mimes removing a mask and throwing it away.) The handicapped intellectual's mask. (Mimes removing another mask.) The desperate immigrant. (Mimes removing yet another.) The mysterious brown with the phoney accent. The last being the hardest to drop having spent two whole years in acquiring it. And what remains is what I intend making capital of. My freakishness. I am a freak. (Pause.) Now, a freak doesn't have to look very far for inspiration. (Moves to his table.) But what is hard is to let go. Allow the memories to flood in. (Winds another sheet on the typewriter and then stops.) To tell you the truth, I had even forgotten I had a twin sister. (Music fades in slowly.) Until I thought of her as subject matter for my next literary attempt. Or maybe I didn't forget her. She was lying deep inside, out of reach ...

OR

ROOPA. Prema! Prema-a! (No response.) Prema-a! Oh, hello, aunty. (In broken Gujarati.) Kem chcho? Majhjha ma? Is Prema in? (Listens.) Good. May she come out? Oh, nowhere special. I thought we could maybe go over to Yankee Doodle's for an ice cream or something. (Listens.) A cold? That's okay. I'll come up and keep her company. (Listens and reacts with mock-surprise.) She told you that I was taking her to see Fatal Attraction? No, that's not true at all! Well, I did say we will see the movie at Eros. 

I meant Snow White and the Seven Dwarfs. What? (Listens.) Oh, Fatal Attraction is playing there. Well, you see, they show Snow White in the mornings. Well, I didn't want to tell you, you see, after all she is my best friend and all that, but actually it was her idea to see both. Look, I'm sorry she has a cold. On second thoughts, I'd better not see her. I might catch it myself. So, if you don't mind, I won't come up. Tell her not to feel bad. So sorry. Thank you. Avjo.

She keeps grinning until the supposed aunty is out of sight. Then she sticks her rear out in aunty's direction and makes a rude sound. She hesitantly walks towards the Patels' house. (Calls.) Hello. (No response. Louder.) Hello. Tara!

The lights cross-fade again to the living room. Bharati has exited to the kitchen.
PATEL. Chandan.

CHANDAN (dealing the cards). Ya.

PATEL. I was just thinking ... It may be a good idea for you to come to the office with me. (Glances surreptitiously towards the kitchen.)

CHANDAN. What for?

PATEL. Just to get a feel of it.

CHANDAN. You can take Tara. She'll make a great business woman.

TARA. How do you know?

CHANDAN. Because you always cheat at cards!

TARA (crossly, throwing her cards at Chandan). Just because I win doesn't mean I cheat, okay!

PATEL (firmly). Chandan, I think I must insist that you come.

CHANDAN. We'll both come with you.

PATEL. No!

Tara looks at Patel, slightly hurt.

(Softens.) Yes. You may both come—if you want to.

Roopa has been listening at the door.

ROOPA. Hello!

TARA. Oh, hi, Roopa. Come on in.

ROOPA (falsely). Sorry! Hello, uncle. Sorry! Am I disturbing you?

6. Attempt any two questions (each to be answered in 500 words approximately)
out of the given three. (2×5=10)

A) Discuss in detail character sketch of Tara.

B) Gender discrimination and role of patriarchy in the play Tara.

C) Themes and techniques used by Mahesh Dattani in the play Tara.

Exam Code: 103206

Paper Code: 6127

Programme: Bachelor of Arts Semester-VI

Course Title: Fashion designing and Garment Construction

(Vocational) (Historic Costumes of India-II)

Course Code: BARM-6237

Time Allowed: 3 Hours

Maximum Marks: 30

Note: Candidates are required to attempt five questions in all, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question carries 6 marks.

Section A

Q1. Discuss the traditional costumes of female of Punjab in detail.

Q2. Discuss the traditional costumes of male of Haryana in detail.

Section B

Q3. Explain Pheran and Turban of people of Kashmir.

Q4. Describe the head dress and accessories used in costumes of Maharashtra.

Section C

Q5. Discuss the jewellery worn by the people of Manipur.

Q6. Discuss the traditional costumes of Gujarat in detail.

Section D

Q7. Discuss the traditional costumes of female of Kerala in detail.

Q8. Discuss the jewellery and accessories worn by the people of Karnataka.

Exam Code: 103206

Paper Code: 6119

PROGRAMME: Bachelor of Arts Semester-VI

Course Title: Fine Arts (Drawing and Painting)

Course Code: BARM-6245

Time Allowed: 3 hrs

Max. Marks: 40

Note: Attempt Five Questions selecting at least one from each section. Fifth Question may be attempted from any Section. Each Question carries 8 Marks.

Section-A

Q1. Explain the features of Kalighat Paintings.

Q1. ਕਾਲੀਘਾਟ ਪੇਂਟਿੰਗਾਂ ਦੀਆਂ ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ ਬਾਰੇ ਦੱਸੋ।

Q2. Write an essay on Company School Painting.

Q2. ਕੰਪਨੀ ਸਕੂਲ ਪੇਂਟਿੰਗ 'ਤੇ ਇੱਕ ਲੇਖ ਲਿਖੋ।

Section-B

Q3. Write about the contribution of Abanindranath Tagore as an Artist in Bengal school.

Q3. ਬੰਗਾਲ ਸਕੂਲ ਵਿੱਚ ਇੱਕ ਕਲਾਕਾਰ ਵਜੋਂ ਅਬਨਿੰਦਰਨਾਥ ਟੈਗੋਰ ਦੇ ਯੋਗਦਾਨ ਬਾਰੇ ਲਿਖੋ।

Q4. Write detailed note on Haripura Poster by Nandlal Bose.

Q4. ਨੰਦਲਾਲ ਬੋਸ ਦੁਆਰਾ ਹਰੀਪੁਰਾ ਪੋਸਟਰ 'ਤੇ ਵਿਸਤ੍ਰਿਤ ਨੋਟ ਲਿਖੋ।

Section-C

Q5. What do you know about Jamini Roy?

Q5. ਜਾਮਿਨੀ ਰਾਏ ਬਾਰੇ ਤੁਸੀਂ ਕੀ ਜਾਣਦੇ ਹੋ?

Q6. Explain Amrita Sher Gill's art work.

Q6. ਅੰਮ੍ਰਿਤਾ ਸ਼ੇਰ ਗਿੱਲ ਦੀ ਕਲਾ ਬਾਰੇ ਦੱਸੋ।

Section-D

Q7. Why Sobha Singh is considered as one of the great Portrait painters of Punjab.

Q7. ਸੋਭਾ ਸਿੰਘ ਨੂੰ ਪੰਜਾਬ ਦੇ ਮਹਾਨ ਪੋਰਟਰੇਟ ਪੇਂਟਰਾਂ ਵਿੱਚੋਂ ਇੱਕ ਕਿਉਂ ਮੰਨਿਆ ਜਾਂਦਾ ਹੈ।

Q8. Explain the pain in works of Satish Gujral.

Q8. ਸਤੀਸ਼ ਗੁਜਰਾਲ ਦੀਆਂ ਰਚਨਾਵਾਂ ਵਿੱਚ ਦਰਦ ਬਿਆਨ ਕਰੋ।

Exam Code: 103206

Paper Code: 6131

Programme: Bachelor of Arts (Semester-VI)

Course Title: Hindi (Elective) (विशिष्ट रचनाकार एवं रचना: सैद्धांतिकी

एवं विश्लेषणात्मक अध्ययन, अनुवाद बोध)

Course Code: BARM-6268 ✓

Time Allowed: 3 Hours

Max Marks: 60

नोट: नोट- यह प्रश्नपत्र चार भागों में विभाजित है। विद्यार्थी को कुल पाँच प्रश्नों के उत्तर देना है। प्रथम भाग अनिवार्य है। प्रथम भाग में दिए गए छह पद्यांशों में से किन्हीं तीन की सप्रसंग व्याख्या अनिवार्य है। भाग दो, तीन, चार में पूछे गए दो-दो प्रश्नों में से किसी एक का उत्तर दें और पांचवा प्रश्न विद्यार्थी इनमें से किसी भी भाग से कर सकता है। प्रत्येक प्रश्न के लिए निर्धारित अंक 12 हैं।

भाग - एक

प्र.1 क. ऊँच-नीच का भेद न माने, वही श्रेष्ठ ज्ञानी है,
दया-धर्म जिसमें हो, सबसे वही पूज्य प्राणी है।
क्षत्रिय वही, भरी हो जिसमें निर्भयता की आग,
सबसे श्रेष्ठ वही ब्राह्मण है, हो जिसमें तप-त्याग।

ख. जाति! हाय री जाति !' कर्ण का हृदय क्षोभ से डोला,
कुपित सूर्य की ओर देख वह वीर क्रोध से बोला
'जाति-जाति रटते, जिनकी पूँजी केवल पाषंड,
में क्या जानूँ जाति ? जाति हैं ये मेरे भुजदंड।

ग. मुख में वेद, पीठ पर तरकस, कर में कठिन कुठार विमल,
शाप और शर, दोनों ही थे, जिस महान् ऋषि के सम्बल।
यह कुटीर है उसी महामुनि परशुराम बलशाली का,
भृगु के परम पुनीत वंशधर, व्रती, वीर, प्रणपाली का।

घ. हित-वचन नहीं तूने माना,
मैत्री का मूल्य न पहचाना,
तो ले, मैं भी अब जाता हूँ,
अन्तिम संकल्प सुनाता हूँ।
याचना नहीं, अब रण होगा,
जीवन-जय या कि मरण होगा।

च. अतः आपने जो माँगा है दान वही मैं दूँगा,
शिवि-दधिचि की पंक्ति छोड़कर जग में अयश न लूँगा।
पर कहता हूँ, मुझे बना निस्त्राण छोड़ते हैं क्यों?
कवच और कुंडल ले करके प्राण छोड़ते हैं क्यों?

छ. अपना कृत्य विचार, कर्ण का करतब देख निराला,
देवराज का मुखमंडल पड़ गया ग्लानि से काला।
क्लिन्न कवच को लिए किसी चिंता में मगे हुए-से।
ज्यों-के-त्यों रह गये इंद्र जड़ता में ठगे हुए-से।

(3x4=12)

भाग-दो

प्र.2 कर्ण के चरित्र की विशेषताओं पर प्रकाश डालें। (12)

प्र.3 रश्मिरथी के नामकरण की सार्थकता पर विचार करें। (12)

भाग-तीन

प्र.4 रश्मिरथी में भाग्य और पुरुषार्थ संबंधी विचारों की युक्तियुक्त समीक्षा कीजिए। (12)

प्र.5 खंडकाव्य के तत्त्वों के आधार पर रश्मिरथी का मूल्यांकन कीजिए। (12)

भाग-चार

प्र.6 दोहा और चौपाई छंद के लक्षण को उदाहरण सहित स्पष्ट करें। (12)

प्र.7 निम्नलिखित शब्दों का हिंदी अनुवाद करें:

Auditor, Administrator, Attendant, Advocate General, Chairman,
Controller, Director, Forest Officer, Professor, Procter, Registrar,
Superintendent (1x12=12)

Exam Code: 103206

Paper Code: 6116

Programme: Bachelor of Arts (Home Science)

Semester: VI

Course Title: Home Science (Foods and Nutrition and Child Development)

Course Code: BARM- 6284 ✓

Time: 3 Hours

Max. Marks: 60

Note: Candidates are required to attempt five questions in all, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question carries 12 marks.

Section A

1. Define food adulteration. Write about various common food adulterations and food standards.
2. Explain about balanced diet in detail.

Section B

3. Plan the balanced diet for pre-school child and adolescent boy of middle-income group.
4. Which kind of food items should be included in the diet of school going child and adolescent girl belonging to middle income group?

Section C

5. Write about the concept of soft, bland and liquid diets with examples.
6. During Diarrhoea and high blood pressure, which kind of therapeutic diet should be given to the patient?

Section D

7. Write the definition of play, its importance and types in detail.
8. Explain the pre-natal development in detail. Write about the factors affecting pre-natal development also.

Exam Code: 103206

Paper Code: 6116

Programme: Bachelor of Arts (Home Science)

Semester: VI

Course Title: Home Science (Foods and Nutrition and Child Development)

Course Code: BARM- 6284

Time: 3 Hours

Max. Marks: 60

नोट: विद्यार्थियों को प्रत्येक खंड से कम से कम एक प्रश्न का चयन करते हुए, पाँच प्रश्नों के उत्तर देने हैं। पांचवां प्रश्न किसी भी खंड से किया जा सकता है। प्रत्येक प्रश्न के 12 अंक हैं।

खंड क

1. खाद्य अपमिश्रण को परिभाषित कीजिए। विभिन्न सामान्य खाद्य अपमिश्रणों और खाद्य मानकों के बारे में लिखिए।
2. संतुलित आहार के बारे में विस्तार से समझाइए।

खंड ख

3. मध्य-आय वर्ग के प्री-स्कूल बच्चे और किशोर लड़के के लिए संतुलित आहार की योजना बनाएं।
4. मध्यम आय वर्ग की स्कूल जाने वाली बालिकाओं एवं किशोरियों के आहार में किस प्रकार के खाद्य पदार्थों को सम्मिलित करना चाहिए।

खंड ग

5. मृदु, नरम और तरल आहार की अवधारणा को उदाहरण सहित लिखिए।
6. डायरिया और हाई ब्लड प्रेशर के दौरान रोगी को किस प्रकार का चिकित्सीय आहार देना चाहिए।

खंड घ

7. खेल की परिभाषा, उसका महत्व एवं प्रकार विस्तार से लिखिए।
8. प्रसव पूर्व विकास को विस्तार से समझाइए। प्रसव पूर्व विकास को प्रभावित करने वाले कारकों के बारे में भी लिखिए।

Exam Code: 103206

Paper Code: 6116

Programme: Bachelor of Arts (Home Science)

Semester: VI

Course Title: Food and Nutrition and Child Development

Course Code: BARM- 6284

Time: 3 Hours

Max. Marks: 60

ਨੋਟ: ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਹਰੇਕ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਘੱਟੋ-ਘੱਟ ਇੱਕ ਸਵਾਲ ਦੀ ਚੋਣ ਕਰਦੇ ਹੋਏ ਪੰਜ ਸਵਾਲਾਂ ਦੇ ਉੱਤਰ ਦੇਣੇ ਹਨ। ਪੰਜਵਾਂ ਸਵਾਲ ਕਿਸੇ ਵੀ ਸੈਕਸ਼ਨ ਤੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰ ਸਵਾਲ 12 ਅੰਕਾਂ ਦਾ ਹੈ।

ਸੈਕਸ਼ਨ ਏ

1. ਭੋਜਨ ਵਿੱਚ ਮਿਲਾਵਟ ਦੀ ਪਰਿਭਾਸ਼ਾ ਦਿਓ। ਆਮ ਭੋਜਨ ਵਿੱਚ ਵੱਖ ਵੱਖ ਮਿਲਾਵਟਾਂ ਅਤੇ ਭੋਜਨ ਮਿਆਰ ਬਾਰੇ ਵਿਸਤਾਰ ਵਿੱਚ ਲਿਖੋ।
2. ਸੰਤੁਲਿਤ ਖੁਰਾਕ ਬਾਰੇ ਵਿਸਥਾਰ ਵਿੱਚ ਦੱਸੋ।

ਸੈਕਸ਼ਨ ਬੀ

3. ਪ੍ਰੀ-ਸਕੂਲ ਬੱਚੇ ਅਤੇ ਮੱਧ-ਆਮਦਨੀ ਸਮੂਹ ਦੇ ਕਿਸ਼ੋਰ ਲੜਕੇ ਲਈ ਸੰਤੁਲਿਤ ਖੁਰਾਕ ਦੀ ਯੋਜਨਾ ਬਣਾਓ।
4. ਮੱਧ ਆਮਦਨ ਵਰਗ ਨਾਲ ਸਬੰਧਤ ਸਕੂਲ ਜਾਣ ਵਾਲੇ ਬੱਚੇ ਅਤੇ ਅੱਲ੍ਹੜ ਉਮਰ ਦੀਆਂ ਲੜਕੀਆਂ ਦੀ ਖੁਰਾਕ ਵਿੱਚ ਕਿਹੜੀਆਂ ਕਿਸਮਾਂ ਦੀਆਂ ਖਾਣ-ਪੀਣ ਦੀਆਂ ਵਸਤੂਆਂ ਸ਼ਾਮਲ ਕੀਤੀਆਂ ਜਾਣੀਆਂ ਚਾਹੀਦੀਆਂ ਹਨ?

ਸੈਕਸ਼ਨ ਸੀ

5. ਉਦਾਹਰਨਾਂ ਦੇ ਨਾਲ ਨਰਮ, ਨਰਮ ਅਤੇ ਤਰਲ ਖੁਰਾਕ ਦੀ ਧਾਰਨਾ ਬਾਰੇ ਲਿਖੋ।
6. ਦਸਤ ਅਤੇ ਹਾਈ ਬਲੱਡ ਪ੍ਰੈਸ਼ਰ ਦੇ ਦੌਰਾਨ, ਮਰੀਜ਼ ਨੂੰ ਕਿਸ ਤਰ੍ਹਾਂ ਦੀ ਉਪਚਾਰਕ ਖੁਰਾਕ ਦਿੱਤੀ ਜਾਣੀ ਚਾਹੀਦੀ ਹੈ?

ਸੈਕਸ਼ਨ ਡੀ

7. ਖੇਡਾਂ ਦੀ ਪਰਿਭਾਸ਼ਾ, ਇਸਦੀ ਮਹੱਤਤਾ ਅਤੇ ਕਿਸਮਾਂ ਨੂੰ ਵਿਸਥਾਰ ਨਾਲ ਲਿਖੋ।
8. ਜਨਮ ਤੋਂ ਪਹਿਲਾਂ ਦੇ ਵਿਕਾਸ ਬਾਰੇ ਵਿਸਥਾਰ ਵਿੱਚ ਦੱਸੋ। ਜਨਮ ਤੋਂ ਪਹਿਲਾਂ ਦੇ ਵਿਕਾਸ ਨੂੰ ਪ੍ਰਭਾਵਿਤ ਕਰਨ ਵਾਲੇ ਕਾਰਕਾਂ ਬਾਰੇ ਵੀ ਲਿਖੋ।

Exam Code: 103206

Paper Code: 6126

Programme: Bachelor of Arts Semester VI

Course Title: Music (Instrumental)

Course Code: BARM-6357

Time Allowed: 3 Hours

Maximum Marks: 40

नोट: अभ्यर्थियों को प्रत्येक खंड से कम से कम एक प्रश्न का चयन करते हुए कुल पाँच प्रश्न का उत्तर दे। पाँचवाँ प्रश्न किसी भी खंड से हल किया जा सकता है। प्रत्येक प्रश्न के 8 अंक हैं।

खंड A

प्रश्न 1. पंजाब के लोकप्रिय तथा ऐतिहासिक महत्व रखने वाले लोकवाद्यो पर विशेष चर्चा करें।

प्रश्न 2. लोकप्रिय संगीत से आप क्या समझते हैं? संस्कृति और समाज में इसकी भूमिका का वर्णन करें।

खंड B

प्रश्न 3. शास्त्रीय भारतीय संगीत प्रदर्शन में मंच की भूमिका पर एक व्यापक नोट लिखें।

प्रश्न 4. भारतीय संगीत के क्षेत्र में प्रसिद्ध कलाकार के रूप में पंडित नीलाद्रि कुमार पर चर्चा करें।

खंड C

प्रश्न 5. भक्ति संगीत में प्रयुक्त संगीत वाद्ययंत्रों का विस्तृत विवरण करें।

प्रश्न 6. तार वाले वाद्ययंत्रों को परिभाषित करें और भारतीय संगीत में प्रयुक्त होने वाले विभिन्न प्रकार के तार वाले वाद्ययंत्रों का वर्णन करें।

खंड D

प्रश्न 7. चार तोरों और स्वरों के साथ राग बागेश्वरी का वर्णन करें।

प्रश्न 8. एक गुण, दो गुण और चार गुण लयकारियों के साथ ताल झुमरा का विस्तृत विवरण करें।

Exam Code: 103206

Paper Code: 6126

Programme: Bachelor of Arts Semester VI

Course Title: Music (Instrumental)

Course Code: BARM-6357

Time Allowed: 3 Hours

Maximum Marks: 40

Note: Candidates are required to attempt five questions in all, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question carries 8 marks.

Section A

Q1. Discuss the folk instruments of Punjab with particular reference to their historical significance and popularity.

Q2. What do you understand by Popular Music? Describe its role in culture and society.

Section B

Q3. Write a comprehensive note on the role of stage in classical Indian music performance.

Q4. Discuss Pandit Niladri Kumar as renowned artist in the field of Indian music.

Section C

Q5. Write a description of musical instruments used in Bhakti Sangeet.

Q6. Define string instruments and describe various kinds of string instruments used in Indian music.

Section D

Q7. Describe Raag Baageshwari with four Toras and notation.

Q8. Give a detailed description of Taal Jhumra with Ek Gun, Do Gun and Chaar Gun layakaaris.

Exam Code: 103206

Paper Code: 6123

PROGRAMME: Bachelor of Arts Semester-VI

Course Title: Music (Vocal)

Course Code: BARM-6366 ✓

Time Allowed: 3 hrs

Max. Marks: 40

Note: Attempt Five Questions selecting at least one from each section. Fifth Question may be attempted from any Section. Each Question carries 8 Marks.

Section-A

1. Define and explain the following musical terms: Lakshangeet and Sadhara.
2. Write a brief biography of Girja Devi and his contribution towards Indian classical music.

Section-B

3. What is Gamak, explain the four types of Gamak.
4. What is the role of Devotional Music in human life?

Section-C

5. Write in detail the contribution of Guru Gobind Singh ji towards Gurmat Sangeet.
6. Write an essay on the topic of Rag and Ras.

Section-D

7. Write down the introduction and notation of drut khayal of raga Madhuwanti along with two alaap and four tans
8. Write down Taal Jhumra upto dughan layakari along with its introduction.

Exam Code: 103206

Paper Code: 6123

PROGRAMME: Bachelor of Arts Semester-VI

Course Title: Music (Vocal)

Course Code: BARM-6366

Time Allowed: 3 hrs

Max. Marks: 40

ਨੋਟ- ਕੋਈ ਪੰਜ ਸਵਾਲ ਕਰੋ, ਹਰੇਕ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਘੱਟੋ-ਘੱਟ ਇੱਕ ਸਵਾਲ ਕਰਨਾ ਜ਼ਰੂਰੀ ਹੈ। ਪੰਜਵਾਂ ਸਵਾਲ ਕਿਸੇ ਵੀ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰੇਕ ਸਵਾਲ ਦੇ 8 ਅੰਕ ਹਨ।

ਸੈਕਸ਼ਨ-ਏ

1. ਲਕਸ਼ਣਗੀਤ ਅਤੇ ਸਾਦਰਾ ਨੂੰ ਪਰਿਭਾਸ਼ਿਤ ਕਰਦੇ ਹੋਏ ਇਨ੍ਹਾਂ ਦੀ ਵਿਆਖਿਆ ਕਰੋ।
2. ਗਿਰਿਜਾ ਦੇਵੀ ਜੀ ਦੀ ਜੀਵਨੀ ਦਾ ਸੰਖੇਪ ਵਰਨਣ ਕਰੋ ਅਤੇ ਉਨ੍ਹਾਂ ਦੇ ਭਾਰਤੀ ਸੰਗੀਤ ਪ੍ਰਤੀ ਯੋਗਦਾਨ ਦੀ ਵਿਆਖਿਆ ਕਰੋ।

ਸੈਕਸ਼ਨ-ਬੀ

3. ਗਮਕ ਕੀ ਹੈ? ਗਮਕ ਦੇ ਚਾਰ ਪ੍ਰਕਾਰਾਂ ਦੀ ਵਿਆਖਿਆ ਕਰੋ।
4. ਭਗਤੀ ਸੰਗੀਤ ਦੀ ਮਨੁੱਖੀ ਜੀਵਨ ਵਿੱਚ ਕੀ ਭੂਮਿਕਾ ਹੈ?

ਸੈਕਸ਼ਨ-ਸੀ

5. ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ ਦਾ ਗੁਰਮਤਿ ਸੰਗੀਤ ਪ੍ਰਤੀ ਯੋਗਦਾਨ ਵਿਸਥਾਰ ਪੂਰਵਕ ਲਿਖੋ।
6. ਰਾਗ ਅਤੇ ਰਸ ਵਿਸ਼ੇ ਤੇ ਲੇਖ ਲਿਖੋ।

ਸੈਕਸ਼ਨ-ਡੀ

7. ਰਾਗ ਮਧੁਵੰਤੀ ਦੀ ਜਾਣਕਾਰੀ ਦਿਓ ਅਤੇ ਇਸਦੇ ਦਰੁੱਤ ਖਿਆਲ ਦੀ ਸੁਰਲਿਪੀ ਦੇ ਆਲਾਪ ਅਤੇ ਚਾਰ ਤਾਨਾਂ ਸਹਿਤ ਲਿਖੋ।
8. ਧਮਾਰ ਬ੍ਰਮਰਾ ਦੀ ਜਾਣਕਾਰੀ ਸਮੇਤ ਇਸ ਨੂੰ ਦੋਗੁਣ ਲੈਅਕਾਰੀ ਤੱਕ ਲਿਖੋ।

Exam Code: 103206

Paper Code: 6117

(40)

Programme :- Bachelor of Arts

Semester--VI

Course Title: Physical Education

Course Code: BARM-6384 ✓

Time Allowed: 3 Hours

Max Marks: 50

NOTE: The Candidates are required to attempt five question selecting at least one question from each Section (A-D). Fifth question may be attempted from any section. Each question carries 10 marks.

Section-A

1. Explain the different types of sports Injuries in detail.
2. Write a short note on following.
 - i. Vital Capacity
 - ii. Fatigue & Oxygen Debt
 - iii. Blood Pressure

Section-B

3. What is sports meet? How you will organize good sports meet?
4. Explain the League tournament and its types? Draw the league of fixture of Eight teams by any one method.

Section-C

5. Define the term Kinesiology? Explain the importance of Kinesiology in the field of Physical Education.
6. Explain role of Biomechanics in sports.

Section-D

7. Explain the different components of physical Fitness in detail.
8. Describe the importance of Circuit Training in sports.

Punjabi Version

ਸੈਕਸ਼ਨ A

1. ਖੇਡਾਂ ਦੀਆਂ ਸੱਟਾਂ ਦੀਆਂ ਵੱਖ-ਵੱਖ ਕਿਸਮਾਂ ਬਾਰੇ ਵਿਸਥਾਰ ਵਿੱਚ ਦੱਸੋ
2. ਹੇਠ ਲਿਖਿਆ ਤੇ ਨੋਟ ਲਿਖੋ ।
 - i. ਜੀਵਨ ਦਾਇਕ ਸਮਰੱਥਾ
 - ii. ਥਕਾਵਟ ਅਤੇ ਆਕਸੀਜਨ ਕਰਜ਼ਾ
 - iii. ਬਲੱਡ ਪ੍ਰੈਸ਼ਰ

ਸੈਕਸ਼ਨ B

3. ਸਪੋਰਟਸ ਮੀਟ ਕੀ ਹੈ? ਤੁਸੀਂ ਚੰਗੀ ਸਪੋਰਟਸ ਮੀਟ ਕਿਵੇਂ ਆਯੋਜਿਤ ਕਰੋਗੇ ?
4. ਲੀਗ ਟੂਰਨਾਮੈਂਟ ਅਤੇ ਇਸ ਦੀਆਂ ਕਿਸਮਾਂ ਬਾਰੇ ਦੱਸੋ? ਕਿਸੇ ਇੱਕ ਵੰਗ ਨਾਲ ਅੱਠ ਟੀਮਾਂ ਦੀ ਫਿਰਕਸਚਰ ਦੀ ਲੀਗ ਨੂੰ ਬਣਾਓ।

ਸੈਕਸ਼ਨ C

5. ਕਾਇਨੀਓਲੋਜੀ ਨੂੰ ਪਰਿਭਾਸ਼ਿਤ ਕਰੋ ? ਸਰੀਰਕ ਸਿੱਖਿਆ ਦੇ ਖੇਤਰ ਵਿੱਚ ਕਾਇਨੀਓਲੋਜੀ ਦੀ ਮਹੱਤਤਾ ਬਾਰੇ ਦੱਸੋ।
6. ਖੇਡਾਂ ਵਿੱਚ ਬਾਇਓਮੈਕਨਿਕਸ ਦੀ ਭੂਮਿਕਾ ਸਮਝਾਓ।

ਸੈਕਸ਼ਨ D

7. ਸਰੀਰਕ ਤੰਦਰੁਸਤੀ ਦੇ ਵੱਖ-ਵੱਖ ਹਿੱਸਿਆਂ ਨੂੰ ਵਿਸਥਾਰ ਵਿੱਚ ਸਮਝਾਓ।
8. ਖੇਡਾਂ ਵਿੱਚ ਸਰਕਟ ਸਿਖਲਾਈ ਦੀ ਮਹੱਤਤਾ ਦਾ ਵਰਣਨ ਕਰੋ।

Hindi version

सैक्शन-A

1. खेल चोटों के विभिन्न प्रकारों को विस्तार से समझाइये
2. निम्नलिखित पर नोट लिखें।
 - i. जीवन क्षमता
 - ii. थकान और ऑक्सीजन ऋण
 - iii. रक्तचाप

सैक्शन-B

3. स्पोर्ट्स मीट क्या है? आप एक अच्छी खेल प्रतियोगिता का आयोजन कैसे करते हैं?
4. लीग टूर्नामेंट और इसके प्रकारों के बारे में बताएं? किसी भी तरह से आठ टीमों के फिक्स्चर की एक लीग बनाएं।

सैक्शन-C

5. काइन्सियोलॉजी को परिभाषित करें? शारीरिक शिक्षा के क्षेत्र में काइन्सियोलॉजी के महत्व को समझाइये।
6. खेलों में बायोमैकेनिक्स की भूमिका स्पष्ट करें।

सैक्शन-D

7. शारीरिक स्वस्थता के विभिन्न घटकों को विस्तार से समझाइए।
8. खेलों में सर्किट प्रशिक्षण के महत्व का वर्णन करें

Exam Code: 103206
(40)

Paper Code: 6113

Programme: Bachelor of Arts
Semester--VI

Course Title: Psychology (Abnormal Psychology-II)

Course Code: BARM-6443

Time Allowed: 3 Hours

Max Marks: 60

Note: Attempt ~~one~~ five questions in all, selecting to at least one question from each section. The fifth question can be done from any section. Each question carries 12 marks.

Section A

1. Classify Phobia and discuss the various treatment plans given for these disorders. (12)
2. What are Dissociative Disorders? Explain the types, Psychodynamic and behavioral explanations for these disorders? (12)

Section B

3. Discuss all types of ODD personality disorders. (12)
4. What are the various types of Anxious Personality Disorders? Discuss the treatment plan for the same. (12)

Section C

5. Explain in detail the symptoms of Major depressive disorder, also explain the various explanations (psychodynamic and cognitive) for the disorder. (12)
6. Write a note on the various symptoms in Schizophrenia along with its treatment plans. (12)

Section D

7. What are the various principles used in Humanistic therapy? (12)
8. What are the various techniques and principles used in Psychodynamic therapy? (12)

Exam Code: 103206
(20)

Paper Code: 6124

Programme: Bachelor of Arts
Semester--VI

Course Title: Sanskrit (Elective) (Kavya, Sahitya Tatha
Nibandh)

Course Code: BARM-6466 ✓

Time Allowed: 3 Hours

Max Marks: 60

1. प्रश्न-पत्र का माध्यम हिन्दी है।
2. उत्तर हिन्दी, संस्कृत, पंजाबी, अंग्रजी में से किसी भी भाषा में दिए जा सकते हैं।

नोट:— इस प्रश्न पत्र में कुल चार सैक्शन हैं— (ए से डी) विद्यार्थी सभी सैक्शन में से एक-एक प्रश्न करेंगे तथा किसी एक सैक्शन से दोनों प्रश्न करेंगी। सभी प्रश्नों के अंक समान हैं। (12 अंक)

Section-A

1. निम्नलिखित श्लोकों की सप्रसङ्ग व्याख्या कीजिए:—

12 अंक

1. क्लैव्यं मा स्म गमः पार्थ नैतत्त्वय्युपपद्यते।
क्षुद्रं हृदयदौर्बल्यं त्यक्त्वोत्तिष्ठ परन्तप॥
2. न जायते म्रियते वा कदाचिन्नायं भूत्वा भविता वा न भूयः।

अजो नित्यः शाश्वतोऽयं पुराणो न हन्यते हन्यमाने
शरीरे ॥

3. जातस्य हि ध्रुवो मृत्युर्ध्रुवं जन्म मृतस्य च ।

तस्मादपरिहार्येऽर्थे न त्वं शोचितुमर्हसि ॥

4. स्वधर्ममपि चावेक्ष्य न विकम्पितुमर्हसि ।

धर्म्याद्धि युद्धच्छ्रेयोऽन्यत् क्षत्रियस्य न विद्यते ।

2. (क) श्रीमद्भगवद्गीता के द्वितीय अध्याय के आधार पर
कृष्ण-अर्जुन सम्वाद का वर्णन कीजिए । 6 अंक

(ख) श्रीमद्भगवद्गीता के द्वितीय अध्याय के आधार पर श्लोकों
का उद्धरण देते हुए निष्काम कर्मयोग का प्रतिपादन कीजिए ।

6 अंक

Section-B

3. निम्नलिखित श्लोकों की सप्रसङ्ग व्याख्या कीजिए:-

12 अंक

1. हतो वा प्राप्स्यसि स्वर्गं जित्वा वा भोक्ष्यसे महीम् ।

तस्मादुत्तिष्ठ कौन्तेय युद्धाय कृतनिश्चयः ॥

2. सुखदुःखे समे कृत्वा लाभालाभौ जयाजयौ ।

ततो युद्धाय युज्यस्व नैवं पापमवाप्स्यसि ॥

3. कर्मण्येवाधिकारस्ते मा फलेषु कदाचन ।

मा कर्मफलहेतुर्भूर्मा ते सङ्गोऽस्त्वकर्मणि ॥

4. योगस्थः कुरु कर्माणि सङ्गतत्वा धनञ्जय ।

सिद्ध्यसिद्ध्यो समो भूत्वा समत्वं योग उच्यते ॥

4. (क) "अभिज्ञानशाकुन्तलम्" कृति का सामान्य परिचय लिखिए ।

6 अंक

(ख) "उत्तररामचरितम्" का सामान्य परिचय लिखिए ।

6 अंक

Section-C

5. निम्नलिखित समस्तपदों का समाप्त अथवा विग्रह कीजिए:-

1. निर्मक्षिकम्

2. शक्तिम् अनतिक्रम्य

3. सचक्रम्

4. अक्ष्णोः योग्यम्

5. आबालम्

6. ईश्वर अधि

12 अंक

6. निम्नलिखित प्रश्नों के उत्तर लिखिए:-

(क) कुमारसम्भवम् का संक्षिप्त परिचय प्रस्तुत कीजिए ।

6 अंक

(ख) पञ्चतन्त्रम् का संक्षिप्त परिचय प्रस्तुत कीजिए ।

6 अंक

Section-D

7. निम्नलिखित में से किसी एक विषय पर संस्कृत में निबन्ध लिखिए:- 12 अंक

1. संस्कृतभाषायाः महत्त्वम्
2. मम प्रियं पुस्तकम्
3. सत्सङ्ग गतिः

8. निम्नलिखित दो अलङ्कारों के लक्षण एवम् उदाहरण समन्वय सहित स्पष्ट कीजिए। 12 अंक

1. उपमा अलङ्कार
2. यमक अलङ्कार
3. अनुप्रास अलङ्कार

Paper Code: 6111

Programme	Course Code	Exam Code
Bachelor of Arts	BARL-6026	103206
Bachelor of Science	BECL-6026	103306

Semester-VI

Course Title: Banking (Quantitative Aptitude-II)

Time Allowed: 2:00 Hours

Theory: 80

Note: Candidates are required to attempt forty (40) MCQs, selecting at least eight (8) MCQs from each section. The remaining eight (8) MCQs may be attempted from any section. Each question carries 2 marks.

Section-I

- What is the place value of 8 in 0.096852?
 - 8/10000
 - 8/100000
 - 8/1000
 - 8/100
- How many times is 0.9 greater than 0.003?
 - 133.33
 - 30
 - 100
 - 300
- Find the difference between the largest and smallest decimal fraction. $\frac{5}{6}, \frac{6}{7}, \frac{7}{8}$ and $\frac{8}{9}$.
 - 1.523
 - 1.72
 - 0.05
 - 0.4
- Which one of the following is wrong?
 - $\frac{9}{4} + 2.75 = 5$
 - $\frac{7}{5} - \frac{7}{10} = 0.7$
 - $\frac{37}{8} + \frac{22}{16} = 6$
 - $\frac{3}{2} - \frac{51}{34} = 1$
- How many digits will be there to the right of decimal point in the product of 52.75 and 23.98?
 - 4
 - 5
 - 2
 - 3

6. Merry consumes 1300 ml of milk every day. How many liters of milk will she consume in 5 weeks?
 - a) 45.5
 - b) 47.5
 - c) 42
 - d) 49
7. A tailor has 45.75 meters of cloth and he has to make 4 pieces out of a meter of cloth. How many pieces can be made out of this cloth?
 - a) 176
 - b) 157
 - c) 183
 - d) 169
8. Find the value of $2.22 + 22.222 + 222.2222$.
 - a) 246.6642
 - b) 244.6642
 - c) 246.4642
 - d) 242.4644
9. What is the decimal representation of the fraction $\frac{3}{7}$?
 - a) 0.4286
 - b) 0.5714
 - c) 0.375
 - d) 0.4167
10. Find the value of $\frac{0.24 \times 0.24 \times 0.24 - 0.12 \times 0.12 \times 0.12}{0.72 \times 0.72 \times 0.72 - 0.36 \times 0.36 \times 0.36}$.
 - a) $\frac{1}{9}$
 - b) $\frac{1}{27}$
 - c) $\frac{1}{3}$
 - d) $\frac{1}{21}$
11. Which of the following will have 6 at unit place?
 - a) 19^2
 - b) 24^2
 - c) 11^2
 - d) 13^2
12. The value of $9^2 - 1$ is equal to:
 - a) 81
 - b) 80
 - c) 79
 - d) 85
13. Evaluate $35 \div .07$
 - a) 500
 - b) 600
 - c) 400
 - d) 300
14. $\left(\frac{\sqrt{625}}{11} \times \frac{14}{\sqrt{25}} \times \frac{11}{\sqrt{196}}\right)$ is equal to:
 - a) 5
 - b) 6
 - c) 9
 - d) 11

ny liters

15. What is cube root of (-21952) ?

- a) 38
b) 27
c) -28
d) 34

Section-II

pieces
out of

16. The ratio of market prices of wheat and paddy is 2:3 and the ratio of quantities consumed in a family is 5:4. Find the ratio of expenditure of wheat and paddy.

- a) 6:5
b) 1:1
c) 5:6
d) 8:15

17. How to divide 3395 in the ratio of 42 : 32 : 23?

- a) 1470, 1120, 805
b) 1550, 1235 and 610
c) 1245, 1150 and 1000
d) 1764, 1022 and 529

18. If 20% of an electricity bill is deducted, then Rs. 100 is still to be paid. How much was the original bill?

- a) Rs. 110
b) Rs. 115
c) Rs. 120
d) Rs. 125

19. A's salary is 50% more than B's. How much percent is B's salary less than A's?

- a) $33\frac{1}{4}\%$
b) $33\frac{1}{3}\%$
c) $33\frac{1}{2}\%$
d) 33%

20. Ajay and Raj together have Rs. 1050. On taking Rs. 150 from Ajay, Ajay will have the same amount as what Raj had earlier. Find the ratio of amounts with Ajay and Raj initially.

- a) 3:4
b) 7:1
c) 1:3
d) 4:3

21. If $x:y = 3:4$, then $(7x+3y):(7x-3y)$ is equal to

- a) 5:2
b) 11:3
c) 4:3
d) 37:19

22. The ratio of the present age of the father to that of the son is 7:2. After 10 years, their ages will be in the ratio of 9:4. The present age of the father is.

- a) 35 years
b) 30 years
c) 40 years
d) 25 years

23. The ratio of the number of girls and boys participating in sports at a school is 4:5. If the number of girls is 212 determine the number of boys participating in the sports.
- a) 256
b) 251
c) 265
d) 263
24. Express as rate percent: $6\frac{3}{4}$
- a) 625%
b) 475%
c) 675%
d) 275%
25. 28% of 450 + 45% of 280
- a) 252
b) 259
c) 250
d) 257
26. The present population of a city is 12000. The population is increased by 10% in the first year, and it is decreased by 20% in the next year, and in the third year, 15% of the population is increased. What will be the population after 3 years?
- a) 12144
b) 10458
c) 12248
d) 11236
27. If $(x:y)=2:1$, then $(x^2-y^2):(x^2+y^2)$ is:
- a) 3:1
b) 1:3
c) 5:3
d) 3:5
28. If 70% of $\frac{2}{5}$ of a number is 126, what is that number?
- a) 400
b) 420
c) 450
d) 430
29. Express as a decimal: 0.2%
- a) 0.02
b) 0.0002
c) 0.2
d) 0.002
30. Express as a fraction: 56%
- a) $\frac{15}{25}$
b) $\frac{14}{25}$
c) $\frac{26}{52}$
d) $\frac{18}{52}$

Lib-28/5/25 - KMV (1097)

Paper Code: 6109

Programme	Exam Code	Course Code
Bachelor of Arts	103206	BARL-6175 ✓
Bachelor of Science (Economics)	103306	BECL-6175 ✓

Semester-VI

Course Title: Economics

(Quantitative Methods for Economists)

(30)

Time Allowed: 3 Hours

Max Marks: 80

Attempt five questions in all, selecting one from each section. Fifth question can be attempted from any section. Each question carries equal (16) marks. The Use of non-programmable calculator is allowed.

Section-A

1. Find the inverse of a matrix

$$A = \begin{pmatrix} 1 & 4 & 6 \\ 2 & 5 & 3 \\ 3 & 8 & 7 \end{pmatrix}$$

2. a) Find the derivative of the following function

$$Y = (X^2 + 1)(X + 1)^5$$

- b) Find the maxima and minima of the following function

$$f(x) = X^3 - 3x + 1$$

Section-B

3. a) Find the mean from the following data

Marks	0-10	0-20	0-30	0-40	0-50	0-60
No. of Students	4	7	12	15	19	25

- b) Complete the missing data. Given the median is 50

X	0-20	20-40	40-60	60-80	80-100
E	14	?	26	21	16

4. a) Find the quartile deviation

Pocket Money	100	200	300	400	500	600
No. of Students	5	8	12	20	10	5

- b) Find the combined standard deviation

Class	No. of Student	Mean Marks	Standard Deviation
B.A.	20	50	4
B.Sc.	30	60	5

Section-C

5. Find the skewness in the distribution

X	0-10	10-20	20-30	30-40	40-50
F	4	8	12	6	4

6. a) Find the coefficient of correlation from the following data

Marks in Economics	20	25	35	32	42	45	50
Marks in Statistics	16	18	20	22	25	30	35

- b) Explain the difference between correlation and regression.

Section-D

7. Construct Index n^o. by using Fisher's method and prove that it satisfies the time and factor reversal tests.

Commodities	Price 2011	Value 2011	Price 2021	Value 2021
A	8	40	10	90
B	7	49	12	120
C	4	36	8	72
D	6	48	8	64

8. a) Explain the assumptions of interpolation
b) Find the missing value by interpolation

Year	2015	2016	2017	2018	2019
Output	20	24	?	32	40

Paper Code: 6108

Programme	Exam Code	Course Code
Bachelor of Arts	103206	BARM-6124 ✓
Bachelor of Science (Economics)	103306	BECM-6124 ✓

Semester-VI

Course Title: Computer Applications (Vocational)
(Business Data Processing)

(20)**Time Allowed: 3 Hours****Max. Marks: 50**

Note: Attempt five questions selecting at least one from each SECTION, fifth question may be attempted from any SECTION. All questions carry equal marks (10).

SECTION A

1. Explain the Characteristics of Business organization and the role of Computers in its functioning. (10)
2. Explain the use of Computer systems in Payroll and Online Reservation system. (10)

SECTION B

3. Explain Batch Processing, Online and Time sharing systems. (10)

4. What do you know about Master, Transactional and Backup files? (10)

SECTION C

5. What are Spreadsheets? Explain how to insert or delete row or column. (10)
6. What is Cell reference? Explain in detail with examples. (10)

SECTION D

7. Explain the following data analysis tools: (2X5)
- (a) Sort and Filter
 - (b) Query
8. What do you know about Functions? Explain Mathematical and Statistical functions with examples. (10)

Paper Code: 6107

Programme	Exam Code	Course Code
Bachelor of Arts	103206	BARM-6134 ✓
Bachelor of Science (Economics)	103306	BECEM-6134 ✓
Bachelor of Science (Computer Science)		BCSM-6134 ✓

Semester-VI

Course Title: Computer Science (Information Technology)
(20)

Time Allowed: 3 Hours**Max Marks: 50**

Note:- Attempt five questions in all, selecting at least one question from each section. Fifth question can be attempted from any section. Each question carries equal 10 marks.

Section -A

1. What is TCP/IP? How does TCP/IP work? 10
2. What are the Different Types of Network Topology? 10

Section -B

3. Explain the different Types of Information systems 10
4. Describe the Components of Computer based information systems. 10

Section -C

5. Describe the search engine in enormous detail. 10
6. Explain website, blogs, email, webinars, videos in detail 10

Section -D

7. Explain the concept of copyright and monetization in YouTube? 10
8. How we Register a domain or subdomain with a website host. Explain with example. 10

Paper Code: 6102

Programme	Exam Code	Course Code
Bachelor of Arts	103206	BARL-6031 ✓
Bachelor of Science (Non-Medical)	103306	BSNL-6031 ✓
Bachelor of Science (Medical)		BSML-6031 ✓
Bachelor of Science (Economics)		BECL-6031
Bachelor of Science (Computer Science)		BCSL-6031 ✓
Bachelor of Commerce	108506	BCRL-6031
Bachelor of Business Administration	105406	BBRL-6031

Semester-VI
Course Title: Basic Punjabi
(30)

Time Allowed: 3 Hours

Max Marks: 40

ਨੋਟ: ਹਰ ਭਾਗ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਜ਼ਰੂਰੀ ਹੈ। ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਭਾਗ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰ ਇੱਕ ਪ੍ਰਸ਼ਨ ਦੇ 8 ਨੰਬਰ ਹਨ।

ਯੂਨਿਟ -I

1. ਪੰਜਾਬ ਸਭਿਆਚਾਰ ਦੀ ਭੂਗੋਲਿਕ ਸਥਿਤੀ ਸਪਸ਼ਟ ਕਰੋ।

2. ਪੰਜਾਬ ਸਭਿਆਚਾਰ ਦੇ ਪ੍ਰਮੁੱਖ ਲੱਛਣਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਦਾਨ ਕਰੋ।

ਯੂਨਿਟ -II

3. ਪੰਜਾਬ ਦੇ ਪ੍ਰਮੁੱਖ ਮੇਲਿਆਂ ਬਾਰੇ ਵਿਸਥਾਰ ਸਹਿਤ ਨੋਟ ਲਿਖੋ।
4. ਪੰਜਾਬ ਦੇ ਧਾਰਮਿਕ ਸਥਾਨਾਂ ਦੀ ਮਹੱਤਤਾ ਬਾਰੇ ਨੋਟ ਲਿਖੋ।

ਯੂਨਿਟ -III

5. ਜਨਮ ਨਾਲ ਸੰਬੰਧਤ ਪ੍ਰਮੁੱਖ ਰਸਮਾਂ ਕਿਹੜੀਆਂ-ਕਿਹੜੀਆਂ ਹਨ?
ਜਾਣਕਾਰੀ ਪ੍ਰਦਾਨ ਕਰੋ।
6. ਮੌਤ ਸਮੇਂ ਨਿਭਾਈਆਂ ਜਾਣ ਵਾਲੀਆਂ ਰਸਮਾਂ ਬਾਰੇ ਚਰਚਾ ਕਰੋ।

ਯੂਨਿਟ -IV

7. ਪੰਜਾਬੀ ਲੋਕ ਪਹਿਰਾਵੇ ਸੰਬੰਧੀ ਆਪਣੇ ਵਿਚਾਰ ਸਪਸ਼ਟ ਕਰੋ।
8. ਲੋਕ ਵਿਸ਼ਵਾਸ ਤੋਂ ਕੀ ਭਾਵ ਹੈ? ਪੰਜਾਬੀ ਸਭਿਆਚਾਰ ਵਿੱਚ ਪ੍ਰਚਲਿਤ
ਲੋਕ-ਵਿਸ਼ਵਾਸਾਂ ਬਾਰੇ ਚਰਚਾ ਕਰੋ।

Lib 14/6/25 K.M.V-II (Mor)

Paper Code: 6104

Programme	Exam Code	Course Code
Bachelor of Arts	103206	BARL-6212 ✓
Bachelor of Science (Non-Medical)	103306	BSNL-6212 ✓
Bachelor of Science (Medical)		BSML-6212 ✓
Bachelor of Science (Economics)		BECL-6212 ✓
Bachelor of Science (Computer Science)		BCSL-6212 ✓
Bachelor of Commerce	108506	BCRE-6212 ✓
Bachelor of Business Administration	105406	BBRL-6212 ✓

Semster- VI**Course Title: English (Compulsory)****(200)****Time Allowed: 3 Hours****Max Marks: 40****Section-A**

I. Answer any five questions, each carrying 2 marks (50 words each)

- i. Describe the rest house in Mano Majra and its importance and use.

- ii. Describe the coming of a ghost train from Pakistan in daytime and people's reaction to it.
 - iii. Show your acquaintance with Malli.
 - iv. Why is Emily crying and feeling agitated at the Beginning of the play 'The will'?
 - v. What are Gaston's apprehensions about the villa Jeanne wants him to buy?
 - vi. Why does Mrs. Meldon kill Prof. Corrie?
- (5×2=10)

Section -B

- II. Attempt any two questions, each carrying 5 marks (250 words each)

- i. Give a character sketch of Juggut Singh.
- ii. What is the symbolic significance of the four part division of Train to Pakistan into Dacoity, Kalyug, Mano Majra and Karma?
- iii. Discuss the theme of the novel Train to Pakistan.
- iv. Give a Character sketch of Hukan Chand.

(2×5=10)

Section –C

**III. Attempt any two questions, each Carrying 5 marks
(250 words each).**

- i. How does the play 'The Will' dramatise the theme of withering human relationships? Discuss.
- ii. Discuss ' Villa for Sale' as a hilarious comedy.
- iii. Briefly explain and comment upon the anti-war theme of the play 'Progress'.
- iv. Fate rules over the people. 'Explain the theme of the play 'The Monkey's Paw' in the light of this statement. (2x5=10)

Section-D

IV. Write an essay on any of the given topics (word limit 300 words).

- i. Pleasures of Reading
- ii. Environmental Pollution (1x6=6)

- V. Write a press report for a newspaper about the seminar on 'Rising Prices' held in your college. (word limit 200 words)

Write a report on the accident that has taken place near Kartarpur-Jalandhar Highway. (1x4=4)

Paper Code: 6101

Programme	Exam Code	Course Code
Bachelor of Arts	103206	BARL-6421 ✓
Bachelor of Science (Non-Medical)	103306	BSNL-6421 ✓
Bachelor of Science (Medical)		BSML-6421 ✓
Bachelor of Science (Economics)		BECL-6421
Bachelor of Science (Computer Science)		BCSL-6421 ✓
Bachelor of Commerce	108506	BCRL-6421
Bachelor of Business Administration	105406	BBRL-6421 ✓

Semester-VI

Course Title: Punjabi (Compulsory)
(160)

Time Allowed: 3 Hours**Max Marks: 40**

ਨੋਟ:- ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦੇ ਚਾਰ ਸੈਕਸ਼ਨ ਹਨ। ਹਰ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਇੱਕ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹੈ ਅਤੇ ਪੰਜਵਾਂ ਪ੍ਰਸ਼ਨ ਕਿਸੇ ਵੀ ਸੈਕਸ਼ਨ ਵਿੱਚੋਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਹਰ ਇੱਕ ਪ੍ਰਸ਼ਨ ਦੇ 8 ਨੰਬਰ ਹਨ।

ਸੈਕਸ਼ਨ -I

- ਹੇਠ ਲਿਖੇ ਕਾਵਿ-ਟੋਟੇ ਦੀ ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ ਕਰੋ।
ਨਾਥਾ! ਜਿਉਂਦਿਆਂ ਮਰਨ ਹੈ ਖਰਾ ਔਖਾ, ਸਾਥੋਂ ਇਹ ਨ ਵਾਇਏ
ਹੋਵਣੇ ਨੀ।

ਅਸੀਂ ਜੱਟ ਨਾਹੜੀਆਂ ਕਰਨ ਵਾਲੇ, ਅਸਾਂ ਕਚਕੜੇ ਨਹੀਂ ਪਰੋਵਣੇ ਨੀ।

ਅਸੀਂ ਕੰਨ ਪੜਾਇ ਖੁਆਰ ਹੋਏ, ਸਾਥੋਂ ਨਹੀਂ ਹੋਂਦੇ ਐਡੇ ਰੋਵਣੇ ਨੀ।
ਸਾਥੋਂ ਖੱਪਰੀ ਨਾਦ ਨ ਜਾਣ ਸਾਂਭੇ, ਅਸਾਂ ਢੱਗੇ ਹੀ ਅੰਤ ਨੂੰ ਜੋੜਕੇ ਨੀਂ

2. ਜਪੁ ਜੀ ਸਾਹਿਬ ਬਾਣੀ (ਸ਼੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ) ਦਾ ਸਾਰ ਲਿਖੋ।

ਸੈਕਸ਼ਨ -II

3. 'ਧਰਤੀਆਂ ਦੇ ਗੀਤ' ਇਕ ਸਫਲ ਸਫਰਨਾਮਾ ਹੈ, ਚਰਚਾ ਕਰੋ।
4. 'ਧਰਤੀਆਂ ਦੇ ਗੀਤ' ਵਿੱਚ ਪੇਸ਼ ਵੱਖ-ਵੱਖ ਧਰਤੀਆਂ ਦੇ ਸਭਿਆਚਾਰ ਪਰਿਪੇਖ ਨੂੰ ਸਪਸ਼ਟ ਕਰੋ।

ਸੈਕਸ਼ਨ -III

5. ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਕਿਸੇ ਇੱਕ ਵਿਸ਼ੇ ਤੇ ਨੋਟ ਲਿਖੋ।
ੳ) ਵਿਦਿਆਰਥੀ ਤੇ ਟੀ. ਵੀ ਚੈਨਲਾਂ ਦਾ ਪ੍ਰਭਾਵ
ਅ) ਮਾਤ ਭਾਸ਼ਾ ਦਾ ਪੜ੍ਹਾਈ ਵਿੱਚ ਮਹੱਤਵ
ੲ) ਵਿਦਿਆਰਥੀ ਅਤੇ ਅਨੁਸ਼ਾਸਨ
6. ਕਹਾਣੀ ਦੀ ਪਰਿਭਾਸ਼ਾ ਦੇ ਕੇ ਇਸ ਦੇ ਤੱਤਾਂ ਤੇ ਚਾਨਣਾ ਪਾਓ।

ਸੈਕਸ਼ਨ -IV

7. ਕਾਰਕ ਨੂੰ ਪਰਿਭਾਸ਼ਤ ਕਰਦਿਆਂ ਇਸ ਦੀਆਂ ਕਿਸਮਾਂ ਬਾਰੇ ਵਰਣਨ ਕਰੋ।
8. ਕਿਰਿਆਂ ਦੀ ਪਰਿਭਾਸ਼ਾ ਅਤੇ ਇਸ ਦੀਆਂ ਕਿਸਮਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿਉ।

Paper Code: 6103

Programme	Exam Code	Course Code
Bachelor of Arts	103206	BARL-6431 ✓
Bachelor of Science (Non-Medical)	103306	BSNL-6431 ✓
Bachelor of Science (Medical)		BSML-6431 ✓
Bachelor of Science (Economics)		BECL-6431
Bachelor of Science (Computer Science)		BCSL-6431 ✓
Bachelor of Commerce	108506	BCRL-6431
Bachelor of Business Administration	105406	BBRL-6431

Semester-VI

Course Title: *Punjab History and Culture* ;
(30)

Time Allowed: 3 Hours

Max Marks: 40

Note: Attempt five questions, selecting at least one question from each section in 600 word and the 5th question may be attempted from any of the four section. Each question carries 8 marks.

Section-A

1. Describe the factors and forces leading to the partition of Punjab in 1947.

2. Discuss the problems of the resettlement of displaced people from the West Pakistan after the partition of the country?

Section-B

3. Describe the circumstances leading to the Formation of the Punjabi Suba in 1966.
4. Discuss the important features of Green Revolution.

Section-C

5. How did the Indian Diaspora contributed to Canada's economy
6. What do you know about the development of higher education in Punjab?

Section-D

7. Discuss the causes for Drug Addiction in the Punjab.
8. Write a note on the development of Punjabi literature with special reference to Bhai Veer Singh and Shiv Kumar Batalvi.

Hindi Version

यूनिट-1

1. 1947 में पंजाब के विभाजन के कारणों और शक्तियों का वर्णन कीजिए।
2. देश के विभाजन के बाद पश्चिमी पाकिस्तान से विस्थापितों के पुनर्वास की समस्याओं पर चर्चा कीजिए।

यूनिट-2

3. उन परिस्थितियों का वर्णन कीजिए जिनके कारण 1966 में पंजाबी सूबा का गठन हुआ।
4. हरित क्रांति की महत्वपूर्ण विशेषताओं की चर्चा कीजिए।

यूनिट-3

5. भारतीय प्रवासियों ने कनाडा की अर्थव्यवस्था में किस प्रकार योगदान दिया।
6. पंजाब में उच्च शिक्षा के विकास के बारे में आप क्या जानते हैं?

यूनिट-IV

7. पंजाब में मादक पदार्थों की लत के कारणों की चर्चा कीजिए।
8. भाई वीर सिंह, शिव कुमार बटालवी के विशेष संदर्भ में पंजाबी साहित्य के विकास पर टिप्पणी लिखिए।

Exam Code: 103206/103306

Paper Code: 6137

Bachelor of Arts/Bachelor of Science Semester-VI

Course Code: BARL-6609/BECL-6607 (Opt-II)

Course Name: Economics (Honours): Public Finance

Examination Time: 3 Hours

Max. Marks : 80

Note: Candidates are required to attempt five questions in all, selecting at least one question from each section. The fifth question may be attempted from any Section. Each question carries 16 marks.

Section-A

Q1. What are the principals of Public Finance? Which of these do you prefer? 16

Q2. Briefly explain wagner's Hypothesis of Public Expenditure? 16

Section-B

Q3. What do you know about the principal of Ability to pay? Discuss various methods of its measurement? 16

Q4. Explain the effects of taxation on Production and Distribution? 16

Section-C

Q5. What is Shifting of Taxation? Give major methods of Shifting a Tax. 16

Q6. Write short note on.

a) Redemption of Public debt.

b) Objective of public Debt Management. 8 X 2 = 16

Section-D

Q7. Briefly Explain the Following.

a) Balanced and Unbalanced Budget.

b) Economic and Functional classification of Budget. 8 X 2 = 16

Q8. Examine the Resource Mobilization for different plans in India. 16

Paper Code: 6105

Programme	Exam Code	Course Code
Bachelor of Arts	103206	BARM-6333 (I) ✓
Bachelor of Science (Non-Medical)	103306	BSNM-6333 (I) ✓
Bachelor of Science (Economics)		BECM-6333 (I) ✓
Bachelor of Science (Computer Science)		BCSM-6333 (I) ✓

Semester-VI

Course Title: Mathematics (Linear Algebra)

(40)

Time Allowed: 3 Hours

Max Marks: 40

Attempt five questions in all, selecting at least one question from each section. The Fifth question may be attempted from any section. Each question will carry 8 marks.

Section-A

Q1. (a) Define the following

- (i) Commutative ring
- (ii) Ring with Zero Divisor
- (iii) Linear Combination of Vectors
- (iv) Direct sum of vectors (4)

(b) Show that the set of rationals Q is a field under the composition $*$ and $\cdot$ defined as $a*b = a+b-1$ and $a\cdot b = a+b-ab$ for all $a, b \in Q$. (4)

Q2(a) Let V be a vector space over the field F . Prove that the set S of non-zero vectors $v_1, v_2, \dots, v_n \in V$ is linearly dependent iff some of these vectors say $v_k, 2 \leq k \leq n$, can be expressed as the linear combination of the preceding vectors of set S . (4)

(b) Show that the vectors $v_1 = (1, -2, 1)$, $v_2 = (2, 1, -1)$ and $v_3 = (7, -4, 1)$ in R^3 are linearly dependent. (4)

Section-B

Q3 Prove that any two bases of a finite dimensional vector space have the same number of elements. (8)

Q4 If U and W are two subspaces of a finite dimensional vector space $V(F)$. Prove that

$$\dim(U + W) = \dim U + \dim W - \dim(U \cap W) \quad (8)$$

Section- C

Q5 (a) Prove that every n -dimensional vector space over the field F is isomorphic to the space F^n . (5)

(b) Let $T: \mathbb{R}^3 \rightarrow \mathbb{R}^3$ be defined by $T(x,y,z) = (2x, 4x-y, 2x+3y-z)$. Show that T is invertible and find T^{-1} . (3)

Q6(a) Let V be a vector space over F and $T: V \rightarrow V$ be a linear operator. Prove that T is invertible iff T is one-one and onto. (5)

(b) Find a linear transformation $T: \mathbb{R}^4 \rightarrow \mathbb{R}^3$ whose null space is generated by $(2,3,4,1)$ and $(1,0,1,1)$. (3)

Section-D

Q7(a) If the matrix of a linear operator $T: \mathbb{R}^3 \rightarrow \mathbb{R}^3$ relative to the usual basis is $\begin{bmatrix} 0 & 1 & 1 \\ 1 & 0 & -1 \\ -1 & -1 & 0 \end{bmatrix}$, Find the matrix of T relative to the basis $B_1 = \{(0,1,-1), (-1,1,0), (1,-1,1)\}$. (4)

(b) Given a matrix $\begin{bmatrix} 1/2 & 1 \\ 2/3 & 4 \end{bmatrix}$ Find the corresponding linear operator T on $\mathbb{R}^2$ relative to the basis $B = \{(1,0), (1,1)\}$. (4)

Q8(a) Let $B = (v_1, v_2, \dots, v_n)$ be a basis for a vector space $V(F)$. Let $T: V \rightarrow V$ be a linear transformation. Prove that for any vector v in V $[T;B][v;B] = [T(v); B]$. (5)

(b) Let T be a linear operator on $\mathbb{R}^2$ defined by $T(x,y) = (4x-2y, 2x+y)$. Find matrix of T relative to the basis $B = \{(1,1), (-1,0)\}$. (3)

Paper Code: 6106

Programme	Exam Code	Course Code
Bachelor of Arts	103206	BARM-6333 (II)
Bachelor of Science (Non-Medical)	103306	BSNM-6333 (II)
Bachelor of Science (Economics)		BECM-6333 (II)
Bachelor of Science (Computer Science)		BCSM-6333 (II)

Semester- VI

Course Title: Mathematics (Numerical Analysis)

(40)

Time Allowed: 3 Hours

Max Marks: 40

Note: Attempt five questions in all selecting at least one question from each section. The fifth question may be attempted from any section. All questions carry equal marks (8 marks each). The student can use only Non Programmable & Non storage type calculator.

SECTION-A

Q1. (a) Find $\frac{1}{\sqrt{14}}$ correct to three decimals using Newton-Raphson method.

(b) If $u = 3v^3 - 6v$, find the percentage error in u at $v=1$, if the error in v is 0.05. [4 X 2=8]

Q2 (a) Find the order of convergence of Secant method.

(b) Find a root of equation $x^3 + x^2 - 3x - 3 = 0$ between 1.5 and 1.75 correct to three decimal places using false-position method. [4 X 2=8]

SECTION-B

Q3. (a) Solve the following system of equations by Gauss-Jordan method:

$$2x + 3y + 5z = 5, \quad 3x + 4y + 7z = 6, \quad x + 3y + 2z = 5. \quad [4 \times 2=8]$$

(b) Solve the following system of equations by Gauss Jacobi method (three iterations)

$$5x - y + z = 10, \quad 2x + 4y = 12, \quad x + y + 5z = -1 \quad (\text{use initial solution as } (2, 3, 0)).$$

Q4 (a) Using Newton's forward difference formula, find the sum of $S_k = 1^3 + 2^3 + 3^3 + \dots + k^3$.

(b) Given $f(1) = 1$, $f(2) = 5$, $f(4) = 59$, obtain $f(3.5)$ using Lagrange Interpolation. [4 X 2=8]

SECTION-C

Q5. Use trapezoidal rule and Simpson's 1/3 method to compute $I = \int_0^{0.6} e^{-x^2} dx$ by taking 7 ordinates. [8]

Q6 (a) Find $I = \int_0^1 2x dx$ by Gauss legendre two point formula.

(b) Use interpolation to evaluate $f'(4.5)$, given

[4 X 2=8]

x	1	2	3	4	5	6	7
f(x)	0	1	3	5	8	12	18

SECTION-D

Q7. Apply Runge-Kutta fourth order method to find the solution of differential equation

$$\frac{dy}{dx} = x^2 - y \text{ at } x=0.2 \text{ in steps of } 0.1 \text{ given that } y=1 \text{ when } x=0.$$

[8]

Q8. Given $\frac{dy}{dx} = x^2(1 + y)$ with $y(1) = 1$, $y(1.1) = 1.233$, $y(1.2) = 1.548$, $y(1.3) = 1.979$, by Predictor-Corrector method, compute $y(1.4)$.

[8]