

Roll No.....

Y—2232

II Semester Examination, 2021

M.Com.

BUSINESS LAWS

Paper V

Time : Three Hours]

[Maximum Marks : 80

[Minimum Passing Marks : 16

नोट : प्रश्न-पत्र के दो खण्ड 'अ' एवं 'ब' हैं। प्रत्येक खण्ड के प्रश्नों को निर्देशानुसार हल कीजिए। सभी प्रश्नों के अंक निर्दिष्ट हैं।

Note : *There are two sections 'A' and 'B' in the question paper. Solve all questions according to instruction given in each section. Marks are mentioned against each Section.*

खण्ड 'अ' / Section 'A'

लघु उत्तरीय प्रश्न (5×4=20)

(Short Answer Type Questions)

नोट : सभी प्रश्न हल करना अनिवार्य है। सभी प्रश्नों के अंक समान हैं। प्रत्येक प्रश्न का उत्तर 75 शब्दों में दें।

Note : *Attempt all questions. All questions carry equal marks. Word limit is 75 for each question.*

1. सेबी के किन्हीं तीन कार्यों को बताइए। 4

Mention any three functions of SEBI.

P.T.O.

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2. अधिशासी स्थिति का क्या आशय है ? 4

What is abuse of dominant position ?

3. उपभोक्ता एवं परिवाद में अंतर बताइए। 4

Distinguish between consumer and complaint.

4. FEMA के अधीन रिजर्व बैंक की शक्तियाँ क्या हैं। ? 4

What are the powers of the Reserve Bank under FEMA ?

5. WTO के कोई तीन कार्य लिखिए। 4

Write any three functions of W.T.O.

खण्ड 'ब' / Section 'B'

दीर्घ उत्तरीय प्रश्न (5×12=60)

(Long Answer Type Questions)

नोट : सभी प्रश्न हल करना अनिवार्य है। सभी प्रश्नों के अंक समान हैं। प्रत्येक प्रश्न का उत्तर 300 शब्दों में दें।

Note : *Attempt all questions. All questions carry equal marks. Word limit is 300 for each question.*

6. सेबी अधिनियम, 1992 में उल्लिखित सेबी की शक्तियाँ एवं कार्यों को समझाइए। 12

Explain the powers and functions of SEBI as envisaged in the SEBI Act, 1992.

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अथवा/Or

पूँजी बाजार के नियामक के रूप में सेबी की भूमिका के सम्बन्ध में एक लेख लिखिए।

Write a note on the role of SEBI as a regulator of Capital Market.

7. MRTP अधिनियम, 1969 का विलोपन करके उसे प्रतिस्पर्धा अधिनियम 2002 से क्यों प्रतिस्थापित किया गया ? प्रतिस्पर्धा अधिनियम के विशिष्ट उद्देश्यों का भी वर्णन कीजिए। 12

Why MRTP Act, 1969, has been repealed and substituted by the Competition Act, 2002. Also state the specific objectives of the Competition Act.

अथवा/Or

प्रतिस्पर्धा अधिनियम, 2002 के अधीन निषेधित समझौतों को समझाइए।

Explain those agreements which have been prohibited under the Competition Act, 2002.

8. उपभोक्ता संरक्षण अधिनियम, 1986 के उद्देश्यों को समझाइए। 12

Explain the objectives of Consumer Protection Act, 1986.

अथवा/Or

उपभोक्ता न्यायालयों की सिविल न्यायालयों से तुलना कीजिए।

Give comparison of Consumer Courts with Civil Courts.

[4]

9. विदेशी विनिमय में नियमन एवं प्रबंधन सम्बन्धी FEMA के क्या प्रावधान हैं ? समझाइए। 12

What are the provisions of FEMA in regard to regulation and management of foreign exchange ?

अथवा/Or

माल एवं सेवाओं के निर्यातक को किन औपचारिकताओं का पालन FEMA के अधीन करना होता है ?

What formalities are to be observed by an exporter of goods and services under FEMA ? Explain.

10. W.T.O. क्या है ? इसका चार्टर एवं आधारभूत सिद्धान्तों की विवेचना कीजिए। 12

What is W.T.O ? Discuss its charter and fundamental principles.

अथवा/Or

TRIPS समझौतों में शामिल प्रावधानों की विवेचना कीजिए।

Discuss the provisions as contained in the TRIPS Agreement.

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Roll No.....

Y—2245

II Semester Examination, 2021**M.Sc.****MATHEMATICS****Paper V****(Advanced Discrete Mathematics-II)**

Time : Three Hours]

[Maximum Marks : 80

[Minimum Passing Marks : 16

Note : There are two sections 'A' and 'B' in the question paper. Solve all questions according to instruction given in each section. Marks are mentioned against each Section.

Section 'A'**(5×4=20)****(Short Answer Type Questions)**

Note : Attempt all questions. All questions carry equal marks. Word limit is 75 for each question.

1. How many vertices and edges in the following graph :

- (a) W_n ,
- (b) Q_n (N-cube)

(c) C_n (d) $K_{m,n}$

- 2. Define spanning tree and cut-sets.
- 3. Define search Tree and Tree Traversals.
- 4. Explain o-equivalent and k-equivalent states.
- 5. Define Turning machine with example.

Section 'B'**(5×12=60)****(Long Answer Type Questions)**

Note : Attempt all questions. All questions carry equal marks. Word limit is 300 for each question.

- 6. Define simple graph. Let G be a simple graph with n vertices. If G has k components, then the maximum number of edges that G can have are

$$\frac{(n-k)(n-k+1)}{2}.$$

Or

State the Kuratowski's theorem. If every region of a simple planar graph with n vertices and e edges is

bounded by k regions, show that $e = \frac{k(n-2)}{k-2}$.

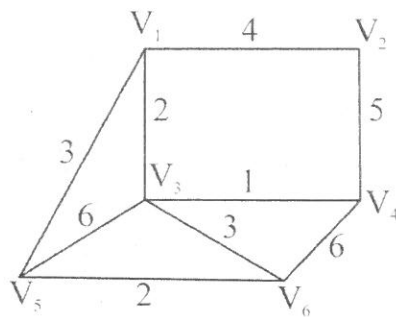
P.T.O.**Y-2245**

[3]

7. The necessary and sufficient condition for a connected graph G to be an Euler graph is that "all vertices of G are of even degree".

Or

Define minimal spanning tree. Using Kruskal's algorithm find minimal spanning tree of the following :



8. Let the preorder and inorder search of a binary tree T yield the following sequence of vertices (nodes) :

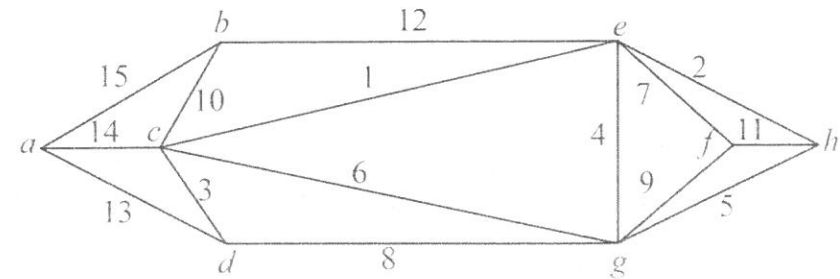
Inorder : d b p h q s e d c r k f l

Preorder : a b d e h p q s c f k r l

Or

Using Dijkstra's algorithm find shortest path for the following from a to h :

[4]



9. Find out the equivalent of the following finite state machine, also find π_0, π_1, π_2 :

State	Input		Output
	1	2	
$\Rightarrow S_0$	S_1	S_2	0
S_1	S_5	S_3	0
S_2	S_6	S_4	0
S_3	S_7	S_1	0
S_4	S_1	S_5	1
S_5	S_3	S_7	0
S_6	S_4	S_1	0
S_7	S_1	S_2	1

Or

Design finite state machine with transition table and transition diagram which can add two binary numbers, 0 and 1.

10. Construct a Moore machine for the following Mealy machine. Write the basic difference between these two machines.

Present State	Input $\alpha = 0$		Input $\alpha = 1$	
	State	Output	State	Output
$\Rightarrow S_1$	S_3	0	S_2	0
S_2	S_1	1	S_4	0
S_3	S_2	1	S_1	1
S_4	S_4	1	S_3	0

Or

Define transition function and accepted state. Write two properties of transition function. Prove that for any transition function δ and for any two input strings x and y .

$$\delta(q_1, xy) = \delta(\delta(q_1, x), y).$$

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Y—2262

II Semester Examination, 2021

M.A.

ECONOMICS

Paper V

(Labour Economics)

Time : Three Hours]

[Maximum Marks : 80

[Minimum Passing Marks : 16

नोट : प्रश्न-पत्र के दो खण्ड 'अ' एवं 'ब' हैं। प्रत्येक खण्ड के प्रश्नों को निर्देशानुसार हल कीजिए। सभी प्रश्नों के अंक निर्दिष्ट हैं।

Note : There are two sections 'A' and 'B' in the question paper. Solve all questions according to instruction given in each section. Marks are mentioned against each Section.

खण्ड 'अ' / Section 'A'

लघु उत्तरीय प्रश्न (5×4=20)

(Short Answer Type Questions)

नोट : सभी प्रश्न हल करना अनिवार्य है। सभी प्रश्नों के अंक समान हैं। प्रत्येक प्रश्न का उत्तर 75 शब्दों में दें।

Note : Attempt all questions. All questions carry equal marks. Word limit is 75 for each question.

P.T.O.

[2]

1. भारत में निर्धनता के मुख्य कारण बताइए।
Explain the main causes of poverty in India.
2. मजदूरी निर्धारण का नव-प्रतिष्ठित सिद्धान्त बताइए।
Explain the Neoclassical theory of wage determination.
3. सामूहिक सौदेबाजी क्या है ? बताइए।
Explain what is collective bargaining ?
4. सामाजिक सुरक्षा क्या है ? बताइए।
Explain, what is social security ?
5. भारत में बाल श्रम क्यों बढ़ रहा है ? व्याख्या कीजिए।
Explain, why has child labour increased in India ?

खण्ड 'ब' / Section 'B'

दीर्घ उत्तरीय प्रश्न (5×12=60)

(Long Answer Type Questions)

नोट : सभी प्रश्न हल करना अनिवार्य है। सभी प्रश्नों के अंक समान हैं। प्रत्येक प्रश्न का उत्तर 300 शब्दों में दें।

Note : Attempt all questions. All questions carry equal marks. Word limit is 300 for each question.

6. श्रम बाजार किसे कहते हैं ? यह साधारण वस्तु बाजार से किस प्रकार भिन्न है ? भारतीय श्रम बाजार की विशेषताएँ बताइए।

What is Labour Market ? In what way is it different from goods market ? Explain the characteristics of Indian labour market.

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अथवा/Or

बेरोजगारी के विभिन्न प्रकारों की विवेचना कीजिए। यह भी इंगित कीजिए कि भारत में किस प्रकार की बेरोजगारी अधिक पाई जाती है ?

Explain in detail about various types of unemployment. Stress on which type of unemployment is found more in India ?

7. विवेकीकरण से आप क्या समझते हैं ? श्रमिक सर्वदा विवेकीकरण का क्यों विरोध करते हैं ?

What do you understand by rationalization ? Why are workers always opposed to rationalization ?

अथवा/Or

भारत की विभिन्न पंचवर्षीय योजनाओं में रोजगार नीति की विवेचना कीजिए।

Discuss the employment policy in different five year plans of India.

8. एक विवेकपूर्ण एवं व्यावसायिक 'राष्ट्रीय मजदूरी नीति' की प्रमुख विशेषताओं का वर्णन कीजिए।

Describe the salient features of a rational and practical 'National wage policy'.

अथवा/Or

श्रम संघ से आप क्या समझते हैं ? श्रम संघ के उद्देश्यों एवं कार्य को स्पष्ट कीजिए।

What do you understand by labour union ? Explain its objectives and function.

[4]

9. "श्रम सन्नियमों का लाभ उनकी संख्या बढ़ाने में नहीं, वरन् उनको कार्यान्वित करने की भावना एवं विधि में निहित है।" विवेचना कीजिए।

"Benefit occurring from labour legislation cannot be measured by the number of laws on the statute book, but by the method and spirit on enforcement." Discuss.

अथवा/Or

एक विकासशील अर्थव्यवस्था में सामाजिक सुरक्षा का आशय, क्षेत्र एवं महत्व का वर्णन कीजिए।

Describe the meaning, scope and importance of social security in a developing economy.

10. भारत में श्रम कल्याण की आवश्यकता एवं महत्व की विवेचना कीजिए।

Discuss the need and importance of labour welfare in India.

अथवा/Or

भारतीय उद्योगों में महिला श्रमिकों की समस्याओं की विवेचना कीजिए। इन समस्याओं के निवारण के लिए क्या कदम उठाये गये हैं ?

Explain in detail the problems of women labour in Indian industry. What are the steps have been taken to remove it ?

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Y—2267

II Semester Examination, 2021

M.A.

ENGLISH

Paper V

(Language Management and
Communication Skills II)

Time : Three Hours]

[Maximum Marks : 80

[Minimum Passing Marks : 16

Note : *There are two sections 'A' and 'B' in the question paper. Solve all questions according to instruction given in each section. Marks are mentioned against each Section.*

Section 'A' (5×4=20) (Short Answer Type Questions)

Note : *Attempt all questions. All questions carry equal marks.*

1. What is the basic purpose of reading ?
2. Write the functions of advertising.

P.T.O.

[2]

3. Why do employers use group discussion as one of the instruments for assessing the suitability of candidates for a job ?
4. Explain verb forms with examples.
5. Name the various methods of word formation in English language and explain any four of them with examples.

Section 'B' (5×12=60) (Long Answer Type Questions)

Note : *Attempt all questions. All questions carry equal marks.*

6. Name the five pillars of reading and explain in detail.

Or

Discuss the characteristics of efficient reading.

7. Write a review of the film watched by you recently.

Or

Write an application for the post of visiting professor of English addressed to the Principal, Govt College of Science, Raipur, in response to an advertisement in a newspaper. Furnish it with your curriculum Vitae also. You are Ravi/Susan of Raipur)

8. Write short notes on the following :

(a) Essential Features of a good presentation,

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- (b) Audio-Visual Aids in Presentation.
 (c) Types of Group discussion.

Or

The use of tobacco in cigarettes and other forms is a great health hazard. People do not pay much heed even to the statutory warning on cigarette packs. On the occasion of 'No Tobacco Day' write a speech in about 300 words about the hazards of tobacco, giving arguments for your stand. (You are Shalini/Suraj of Greenfields Public School),

9. Do as directed :

A. Fill in the blanks with modals appropriate to the meaning indicated in brackets. (any *two*)

- (a) Youleave those papers on my desk and go.
 (permission)
 (b) He.....apologise or face the consequences.
 (Command)
 (c) It.....rain soon, or the crops will die.
 (Necessity)
 (d) I.....rather stay at home than go for a walk in this weather.
 (preference)

B. Fill in the blanks with the past simple or the present perfect form of the verb given in brackets. (any *two*)

- (a) I.....this book; I..... it last month.
 (read, read)

- (b) All the guests..... Theyhalf an hour ago.
 (leave, leave)
 (c) I.....to bring my English text book.
 I.....to bring it yesterday too.(forget, forget)
 (d) My father.....several books. He..... his eight novel last month.
 (write, finish)

C. Fill in the blanks with *for* or *since*. (any *two*) :

- (a) They have been in this town..... 1945.
 (b) He has worn the same suit.....two weeks.
 (c) I haven't smoked a cigarette..... the last fifteen years.
 (d) My brother hasn't sent us any money.....the beginning of the year.

D. Change the voice : (any *three*)

- (a) The police gave him a reward of Rs. 1,000.
 (b) A committee makes the selection of students.
 (c) Send these letters by registered post.
 (d) Do they speak Malayalam ?
 (e) Hamlet was written by Shakespeare.

E. Rewrite the following sentences in Indirect speech : (any *three*)

- (a) 'We are moving into a new house, my neighbour said.

- (b) All my friends tell me, 'You will be a great man one day'.
- (c) Mohan said, 'I must go to the library today and return this book.'
- (d) The man asked, 'Can I withdraw the money whenever I need it ?'
- (e) The General said to the squadron leader, 'Bomb the enemy's ammunition factories.'

10. Do as directed :

- (a) Add to each of the following words a prefix which reverses the meaning : (any *three*)
legible, fortunate, capable, nutrition, reversible, code.
- (b) By means of a suffix turn each of the following words into an abstract noun : (any *three*)
honest, dense, grand, rival, warm, certain.
- (c) Form adjectives from (any *three*)
muscle, hazard, quarrel, thirst, god, nerve
- (d) Form the compounds using the following words : (any *three*)
stomach, girl, home, world, back, safe, friend, bite, sick, ache, guard, wide.