FYBCOM-I-REG-NEP-NOV-2024-AFM-I

Seat no:

Max. Marks. 30

Time: 01 hr

Note: 1) Attempt any TWO questions.

- 2) Figures to the right indicate full marks.
- 3) Use of Simple calculator is allowed.
- 4) Do not write anything except seat no. on the question paper.

Q.1 State with reasons whether the following are CAPITAL or REVENUE Expenses or Receipts. [15]

- A) Carriage inward paid on raw material purchased.
- B) Wages paid on installation of machinery.
- C) Interest received on investments.
- D) Amount received on sale of machinery.
- E) Paid GST on supply of goods.
- F) Paid import license renewal fees.
- G) Trade investments costing Rs. 50,000, sold for Rs. 60,000.

Q.2 From the following prepare Stock Register for the month of October, 2024 as per FIFO Method and find: [15]

- a) Value of closing stock
- b) Cost of Goods sold
- c) Gross Profit

Purchases:

Date	Quantity	Sales (Rs. Per unit)	Date	Quantity	Sales (Rs. per unit)
1	2,000	40	15	1,600	44
5	1,200	42	22	800	43
9	1,800	42.50	28	1,300	42

Sales:

Date	Quantity	Sales (Rs. per unit)	Date	Quantity	Sales (Rs. per unit)
6	1,500	60	20	1,000	60
12	2,000	60	31	2,200	60
18	1,200	60			

Q.3 From the following Trial Balance as on 31st March, 2024 of Mr. X and adjustments given thereafter, you are [15] required to prepare Manufacturing, Trading and Profit & Loss Account for the year ended 31st March, 2024 and Balance Sheet as on that date :

Debit Balances	Rs	Credit Balance	Rs
Opening Stock :		Sundry Creditors	1,02,000
Raw Material	96,000	RDD	4,000
WIP	26,000	Capital Account	2,00,000
Finished Goods	31,000	Sales	8,10,000
Sundry Debtors	1,22,000		
Carriage inwards	4,000		
Wages	24,000		
Salaries	20,000		
Repairs to plant	7,200		
Purchase	4,56,000		
Cash at Bank	14,600		
Plant & Machinery	2,52,000		
Office Furniture	42,000		
Rent	10,000		
Lighting Expenses	3,600		
Factory Insurance	4,200		
General Expenses	3,400		
Total	11,16,000	Total	11,16,000

FYBCOM-I-REG-NEP-NOV-2024-AFM-I

Adjustments:

- 1) Stock as on 31st March,2024: Raw Material Rs. 1,10,000, WIP Rs. 12,000, Finished Goods Rs. 36,000.
- 2) Depreciate Plant and Machinery @ 15% and Furniture @ 10% p a.
- 3) Outstanding Rent Rs. 2,000.
- 4) Maintain RDD @ 5% on Sundry Debtors.
- 5) Finished goods worth Rs. 5,000 were distributed as free sample.
- 6) Factory insurance was paid till 30th June,2024.

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FYBCOM-I-REG-NEP-NOV-2024-Business Communication Skills-I

Seat no:

Time: 01 hr

Max. Marks. 30

[10]

- Note: 1) ALL questions are COMPULSORY.
 - 2) Figures to the right indicate full marks.
 - 3) Do not write anything except seat no. on the question paper.
- Q.1 A) What are the Non-verbal methods of communication? Discuss [10] their importance.

OR

- B) Compare and contrast the features of facebook and twitter. [10]
- Q.2 A) Draft an application letter with Resume in response to the [10] following advertisement:

"Reputed Engineering firm requires assistant cum-telephone operator. Applicants must be graduates of a recognized University having 2 to 3 years experience and must be capable of handling correspondence independently". Apply with Resume to Box no-980. Times of India, Mumbai-400 001.

OR

B) Bijika has changed her residence from Mumbai to Pune. She has [10] also secured a job in Pune. Draft her letter of Resignation from the post of clerk at Poonam Stores Bandra, Mumbai. Draft the letter in Full Block format. Also explain the important features of Full Block format.

Q.3 Write short notes on: (ANY THREE)

- a) Encoding and Decoding
- b) Horizontal Communication
- c) WhatsApp
- d) E-mail
- e) Upward Communication

FYBCOM-I-REG-NEP-NOV-2024-Business Communication Skills-I

Seat no:

Max, Marks, 30

[10]

Time: 01 hr

- Note: 1) ALL questions are COMPULSORY.
 - 2) Figures to the right indicate full marks.
 - 3) Do not write anything except seat no. on the question paper.
- Q.1 A) What are the Non-verbal methods of communication? Discuss [10] their importance.

OR

- B) Compare and contrast the features of facebook and twitter. [10]
- Q.2 A) Draft an application letter with Resume in response to the [10] following advertisement:

"Reputed Engineering firm requires assistant cum-telephone operator. Applicants must be graduates of a recognized University having 2 to 3 years experience and must be capable of handling correspondence independently". Apply with Resume to Box no-980. Times of India, Mumbai-400 001.

OR

- B) Bijika has changed her residence from Mumbai to Pune. She has [10] also secured a job in Pune. Draft her letter of Resignation from the post of clerk at Poonam Stores Bandra, Mumbai. Draft the letter in Full Block format. Also explain the important features of Full Block format.
- Q.3 Write short notes on: (ANY THREE)
 - a) Encoding and Decoding
 - b) Horizontal Communication
 - c) WhatsApp
 - d) E-mail
 - e) Upward Communication

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Page 1 of 1

FYBCOM-I-REG-NEP-NOV-2024-Commercial Mathematics-I

Seat no:	
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Time: 01 hr

Max. Marks. 25

[25]

- Note: 1) Figures to the right indicate full marks.
 - 2) All questions carry equal marks.
 - 3) Use of simple calculator is allowed.
 - 4) Do not write anything except seat no. on the question paper.

Attempt ANY FIVE of the following

- Q.1 A person sold 40 shares at market price Rs. 50 each by paying 2 % brokerage, then find the amount received by him.
- Q.2 A person invested Rs.10,000 in 8% shares of a company to purchase shares at a market price of Rs. 200 at no brokerage. If the face value of each share is Rs. 10 then find the total dividend received.
- Q.3 Mr. Raj invested Rs. 25,000 in ICICI Growth Plan at the NAV of Rs. 14.35 and entry load 2%. Find the number of units purchased by him.
- Q.4 Calculate N.A.V. of a M.F. in the following case: Total no of units= 10000, Market value of Govt. Securities= Rs. 5 lakhs, Market value of corporate bonds= Rs. 10 lakhs, other assets = Rs 50000, Liabilities of the fund= Rs. 80000, payable by the fund=Rs. 20000.
- Q.5 An agent sold a car worth Rs. 400000 at 2% commission and a scooter worth Rs 35000 at 2.5% commission. Find his total commission.
- Q.6 An estate is sold for Rs. 25000 through a broker who charges 3% brokerage from seller and 4% brokerage from buyer. Find the amount (i) received by seller (ii) paid by buyer (iii) received by broker.
- Q.7 A T.V. set with marked price Rs. 10000 is to be sold with 20% trade discount and 5% cash discount. Find its selling price.
- Q.8 Three partners A, B & C invested Rs. 4000, Rs. 5000 and Rs. 6000 respectively in a business. At the end of the year the business made total profit of Rs 7500. Find the share of each partner.

FYBCOM-I-REG-NEP-NOV-2024-Commercial Mathematics-I

Seat no:

Time: 01 hr

[25]

- Note: 1) Figures to the right indicate full marks.
 - 2) All questions carry equal marks.
 - 3) Use of simple calculator is allowed.
 - 4) Do not write anything except seat no. on the question paper.

Attempt ANY FIVE of the following

- Q.1 A person sold 40 shares at market price Rs. 50 each by paying 2 % brokerage, then find the amount received by him.
- Q.2 A person invested Rs.10,000 in 8% shares of a company to purchase shares at a market price of Rs. 200 at no brokerage. If the face value of each share is Rs. 10 then find the total dividend received.
- Q.3 Mr. Raj invested Rs. 25,000 in ICICI Growth Plan at the NAV of Rs. 14.35 and entry load 2%. Find the number of units purchased by him.
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- Q.7 A T.V. set with marked price Rs. 10000 is to be sold with 20% trade discount and 5% cash discount. Find its selling price.
- Q.8 Three partners A, B & C invested Rs. 4000, Rs. 5000 and Rs. 6000 respectively in a business. At the end of the year the business made total profit of Rs 7500. Find the share of each partner.

FYBCOM-I-REG-NEP-NOV-2024-Economics for Professional Careers-I

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			Seat no:		
Time: 0	1 hr			Max. Marks. 30	Tin
Note: 1 2 3		 Attempt ANY TWO question Figures to the right indicate Draw the neat and clean dia Do not write anything exception 			
Q.1		Answer ANY TWO of the follo	owing:	[15] (
	A)	What is business economics? I	Explain its scop	e.	
	B)	Enumerate the basic problems	of an economy		
	C)	What are the determinants of d	lemand?		
Q.2		Answer ANY TWO of the follo	owing:	[15] (
	A)	Explain the Law of Diminishing	Marginal Utility		
	B)	Briefly explain the properties of	f indifference cu	irve.	
	C)	Describe the law of supply with	the help of suit	able diagram.	
Q.3		Write short notes on: (ANY T	WO)	[15] (
	A)	Role of price mechanism			
	B)	Law of demand			
	C)	Consumer's equilibrium			
	D)	Elasticity of supply			

FYBCOM-I-REG-NEP-NOV-2024-Economics for Professional Careers-I

		Seat no:
Time: 0)1 hr	Max. Marks. 30
Note: 1 2 3 4		 Attempt ANY TWO questions out of THREE. Figures to the right indicate full marks. Draw the neat and clean diagrams wherever necessary. Do not write anything except seat no. on the question paper.
Q.1		Answer ANY TWO of the following: [15]
	A)	What is business economics? Explain its scope.
	B)	Enumerate the basic problems of an economy.
	C)	What are the determinants of demand?
Q.2		Answer ANY TWO of the following: [15]
	A)	Explain the Law of Diminishing Marginal Utility.
	B)	Briefly explain the properties of indifference curve.
	C)	Describe the law of supply with the help of suitable diagram.
Q.3		Write short notes on: (ANY TWO) [15]
	A)	Role of price mechanism
	B)	Law of demand
	C)	Consumer's equilibrium
	D)	Elasticity of supply

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FYBCOM-I-REG-NEP-NOV-2024-Indian Constitution

			Seat no:					Seat no:		
Time: 01 hr Max. Ma		Max. Marks. 30	Time: 01 I	hr			Max. Mar	⁻ ks. 30		
Note:	Note: 1) Figures to the right indicate full marks.2) Do not write anything except seat no. on the question paper.			Note:	1) 2)	Figures to the right indicate Do not write anything excep	full marks. It seat no. on th	e question pape	r.	
Q.1	Α	nswer the following questic	ons. (ANY THR	EE)	Q.1		Answer the following question	ons. (ANY THR	EE)	
é	a) D	escribe significance of the Co	onstitution of Inc	lia. [10)] a	a)	Describe significance of the Co	nstitution of Ind	lia.	[10]
t	o) V	/rite Implementation of the Dir	rective Principle	es. [10)] b)	Write Implementation of the Dir	ective Principle	S.	[10]
C	c) D	iscuss functions and powers o	of Supreme Co	urt. [10)] c	;)	Discuss functions and powers of	of Supreme Cou	urt.	[10]
(M (b	/rite challenges associate with	n Public Interes	t Litigation. [10)] c	d)	Write challenges associate with	n Public Interest	Litigation.	[10]

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FYBCOM-I-REG-NEP-NOV-2024-Indian Knowledge System

FYBCOM-I-REG-NEP-NOV-2024-Indian Knowledge System

Max. Marks. 30

[06]

[12]

[12]

		Seat no:				Seat no:	
Time: 01 hr		Max. Marks. 30		Time: 01 hr			Max. Marks
Note:	1) ALL questions are COMPU	LSORY.		Note: 1)	ALL questions are COMPU	LSORY.	
	2) Figures to the right indicate	full marks.		2)	Figures to the right indicate	full marks.	
	3) Do not write anything except	ot seat no. on the questior	n paper.	3)	Do not write anything except	ot seat no. on th	e question paper.
Q.1	Write Short Note (ANY TWO)		[06]	Q.1	Write Short Note (ANY TWO)		
a)	Path Shala Education			a)	Path Shala Education		
b)	Gurukul Education			b)	Gurukul Education		
c)	Yoga and Meditation Practices			C)	Yoga and Meditation Practices		
d)	Macaulay's Education Policy			d)	Macaulay's Education Policy		
e)	Vedas and Upanishads			e)	Vedas and Upanishads		
Q.2	Explain the Following Conce	pt in Detail (ANY THREE	:) [12]	Q.2	Explain the Following Conce	pt in Detail (Al	NY THREE)
a)	Disease Management			a)	Disease Management		
b)	Importance of Alchemy			b)	Importance of Alchemy		
c)	Indian Mathematicians and the	ir contributions		c)	Indian Mathematicians and the	ir contributions	
d)	Logic			d)	Logic		
e)	Ayurveda			e)	Ayurveda		
Q.3	Answer ANY THREE of the fo	ollowing:	[12]	Q.3	Answer ANY THREE of the fo	ollowing:	
a)	Discuss the role of Aesthetics i	n Everyday life.		a)	Discuss the role of Aesthetics i	n Everyday life	
b)	Explain the types of banks in Ir	ndia.		b)	Explain the types of banks in Ir	ndia.	
c)	Explain the role of banking development.	sector in economic and	social	c)	Explain the role of banking development.	sector in ecor	nomic and social
d)	What are the challenges faced	by Indian agriculture?		d)	What are the challenges faced	by Indian agric	ulture?
e)	Discuss the benefits of yoga.	-		e)	Discuss the benefits of yoga.	-	

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FYBCOM-I-REG-NEP-NOV-2024-Indian Short Stories

FYBCOM-I-REG-NEP-NOV-2024-Indian	Short Stories
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			Seat no:						Seat no:			
Time: 01 hr			Max. Marks	s. 30	Time:	01 hr			Ма	ıx. Marks	s. 30	
Note	: 1) ALL questions are COMPUI	LSORY.			No	te: 1) ALL questions are COMPU	LSORY.			
	2	 Figures to the right indicate f 	full marks.				2	?) Figures to the right indicate	full marks.			
	3	b) Do not write anything except	t seat no. on th	e question paper.			3	 B) Do not write anything except 	ot seat no. on th	ne question	ı paper.	
Q.1		Write short notes: (ANY TWO))		[10]	Q.1		Write short notes: (ANY TWC))			[10]
	A)	The change in the postmaster's his sickness.	attitude after r	ecovering from			A)	The change in the postmaster's his sickness.	s attitude after	recovering	from	
	B)	The game played by Shoba a	ind Shukumar	in "A Temporary			B)	The game played by Shoba a	and Shukumar	in "A Ter	nporary	
	\sim	The image of a fithe external Keelei X	e in their apartr	nent 			\sim	The immediate of the external Keeles	e in their aparti ("11	
	C)	I he impact of the story Kashi Ya I Taught My Grandmother to Re	atre on the gra ead".	ndmother in "How			C)	I he impact of the story Kashi Yatre on the grandmother in "How I Taught My Grandmother to Read".				
	D)	The character of Niranjana in "T	he Goddes wh	no wants out"			D)	The character of Niranjana in "	The Goddes wi	no wants o	ut"	
Q.2		Attempt ANY ONE essay out of	of the followir	ıg:	[10]	Q.2		Attempt ANY ONE essay out	of the followin	ng:		[10]
	A)	Examine the relationship be	etween the n	arrator and her			A)	Examine the relationship be	etween the r	narrator a	nd her	
		grandmother as portrayed in "Th	he Gift".					grandmother as portrayed in "T	he Gift".			
	B)	The portrayal of female character	ers in "The par	ty".			B)	The portrayal of female charac	ters in "The par	ty".		
Q.3		Attempt ANY ONE essay out of	of the followir	ıg:	[10]	Q.3		Attempt ANY ONE essay out	of the followin	ng:		[10]
	A)	Discuss the theme of female de	sire in "The Qu	uilt".			A)	Discuss the theme of female de	esire in "The Q	uilt".		
	B)	Analyze the relationship betwee	en Jaan and Ja	nini in "Sisters".			B)	Analyze the relationship betwee	en Jaan and Ja	anini in "Sis	sters".	

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FYBCOM-I-REG-NEP-NOV-2024-Introduction to Business

FYBCOM-I-REG-NEP-NOV-2024-Introduction to Business

		Seat no:						Seat no:		
Time: 01 hr			Max. Marks. 3	80	Time: 0	1 hr			Max. Mar	ks. 30
Note: 1) 2) 2) 3)	ANSWER ANY TWO OF TH Figures to the right indicate Do not write anything excep	IE FOLLOWING full marks. t seat no. on the	G e question paper.		Note	e: 1) 2) 3)	 ANSWER ANY TWO OF TH Figures to the right indicate Do not write anything exception 	IE FOLLOWIN full marks. t seat no. on th	I G le question papel	r.
Q.1 Ans a) Def b) Exp	w er the following: ne Business. Discuss the fe lain Social Objectives of bus	eatures of busine siness.	[ˈ ess.	5]	Q.1	a) b)	Answer the following: Define Business. Discuss the fe Explain Social Objectives of bus	eatures of busir siness.	Iess.	[15]
Q.2 Ans a) Exp b) Elat	wer the following: lain the constituents of inter porate the types of feasibility	nal business en ⁄ study.	vironment.	5]	Q.2	a) b)	Answer the following: Explain the constituents of inter Elaborate the types of feasibility	nal business e / study.	nvironment.	[15]
Q.3 Ans a) Disc b) What	wer the following: cuss the positive impact of g at are the factors determinin	lobalization. g location of bu	[[·] siness?	5]	Q.3	a) b)	Answer the following: Discuss the positive impact of g What are the factors determinin	lobalization. g location of bi	usiness?	[15]

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FYBCOM-I-REG-NEP-NOV-2024-Introduction to Environment

FYBCOM-I-REG-NEP-NOV-2024-Introduction to Environment

	when 20
Time: 01 hrMax. Marks. 30Time: 01 hrMax. Max. Max. Max. Max. Max. Max. Max.	11KS. 3U
Note: 1) ALL questions are COMPULSORY. 2) Figures to the right indicate full marks. Note: 1) ALL questions are COMPULSORY. 2) Figures to the right indicate full marks. 2) Figures to the right indicate full marks.	
 3) Do not write anything except seat no. on the question paper. 4) World map stencils are permitted. 5) World map stencils are permitted. 5) World map stencils are permitted. 	er.
 6) Draw diagrams and maps wherever necessary. 6) Draw diagrams and maps wherever necessary. 6) Draw diagrams and maps wherever necessary. 	
Q.1 A) Discuss with the help of examples the biotic components of the [15] Q.1 A) Discuss with the help of examples the biotic components of the environment. Q.1 A) Discuss with the help of examples the biotic components of the [15] Q.1 A) Discuss with the help of examples the biotic components of environment.	the [15]
OR OR B) Explain with help of diagrams and examples the functioning of [15] B) Explain with help of diagrams and examples the functioning the ecosystem. B) Explain with help of diagrams and examples the functioning of [15]) of [15]
Q.2 A) Describe the various types of natural resources with the help of [15] Q.2 A) Describe the various types of natural resources with the help of [15] diagrams and examples.	of [15]
B) Elaborate with the help of examples the threats to biodiversity. [15] B) Elaborate with the help of examples the threats to biodiversity.	<i>ı</i> . [15]

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FYBCOM-I-REG-NEP-NOV-2024-Introduction to Sports, Physical Literacy, Health and Fitness and Yog

		Seat no:					
Time: 01 hr	-		Max. Marks	s. 30	Time: 01	hr	
Note:	 Attempt ANY TWO question Figures to the right indicate Do not write anything exception 	ons of out THF full marks. ot seat no. on th	REE. ne question paper.		Note	: 1 2 3	 Attempt A Figures to Do not wri
Q.1 A)	What is the meaning of ph importance?	iysical literacy	and explain its	[08]	Q.1	A)	What is the importance?
В)	Explain the different Schemes	under Khelo Ind DR	dia programme.	[07]		B)	Explain the di
C)	Explain any four famous sports	personalities.		[08]		C)	Explain any fo
D)	Explain in detail Dronacharya a	ward.		[07]		D)	Explain in det
Q.2 A)	Write the meaning of yoga and	explain its obje	ective.	[08]	Q.2	A)	Write the mea
B)	Explain in detail Target Olympic	c Podium Sche)R	me (TOPS).	[07]		B)	Explain in det
C)	Explain the Fundamental princi	ples of fitness a	and yoga.	[08]		C)	Explain the F
D)	Explain the modern trends in s	ports.		[07]		D)	Explain the m
Q.3	Write a short note (ANY THR	EE)		[15]	Q.3		Write a short
A)	Pranayama					A)	Pranayama
B)	Fit India movement					B)	Fit India move
C)	Major Dhyan Chand Ratna Awa	ard				C)	Major Dhyan
D)	Importance of health and fitnes	S				D)	Importance of
E)	Panchayat Yuva Krida Aur Khe	l Abhiyan (PYk	(KA)			E)	Panchayat Yu
	US KA	SOC3•					

Page 1 of 1

FYBCOM-I-REG-NEP-NOV-2024-Introduction to Sports, Physical Literacy, Health and Fitness and Yog

				Seat no:		
e: 0	1 hr				Max. Marks	s. 30
lote	e: 1 2 3	1) 2) 3)	Attempt ANY TWO question Figures to the right indicate Do not write anything except	ons of out THR full marks. t seat no. on th	EE.	
1	A)	WI im	hat is the meaning of ph portance?	ysical literacy	and explain its	[08]
	B)	Ex	plain the different Schemes u	under Khelo Inc)R	lia programme.	[07
	C)	Ex	plain any four famous sports	personalities.		[08
	D)	Ex	plain in detail Dronacharya a	ward.		[07]
2	A)	W	rite the meaning of yoga and	explain its obje	ctive.	[08]
	B)	Ex	plain in detail Target Olympic	c Podium Schei	me (TOPS).	[07
			C	DR		
	C)	Ex	plain the Fundamental princi	ples of fitness a	and yoga.	[08]
	D)	Ex	plain the modern trends in sp	oorts.		[07]
3		W	rite a short note (ANY THRI	EE)		[15]
	A)	Pr	anayama			
	B)	Fit	India movement			
	C)	Ма	ajor Dhyan Chand Ratna Awa	ard		
	D)	Im	portance of health and fitnes	S		
	E)	Pa	anchayat Yuva Krida Aur Khe	l Abhiyan (PYK	KA)	

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FYBCOM-I-R

Time: 01 hr

Note: 1)

Q.1

Q.2

Q.3

Q.4

Q.5

2) 3) 4)

			Se	eat no:		
					N	Max. Marks. 25
Read the ins	struction	s carefu	lly.			
Figures to th	ie right i	ndicate	full marł	KS.		
Use of simpl	e calcul	ator is a	llowed			
Do not white	anytning	g excep	i seat no	on the	questic	on paper.
Attempt ANY	FIVE of	f the foll	owing q	uestions	8:	[2
Calculate Mo	de for th	ne follow	ving data	a:	1	1
Class	20-30	30-40	40-50	50-60	60-70	
Fraguancy	8	10	10	6	1	
пециенсу	0	10	12	0	4	
Calculate Me	edian for	the follo	wing da	ata:	4]
Calculate Me Class	edian for 0-4	the follo 4-8	owing da	ata: 12-16	16-20	
Calculate Me Class Frequency	edian for 0-4 5	the follo 4-8 7	owing da 8-12 10	ata: 12-16 8	4 16-20 4]
Calculate Me Class Frequency Calculate Va	edian for 0-4 5 riance fo	the follo 4-8 7 or the fo	owing da 8-12 10	ata: 12-16 8 data:	4 16-20 4	
Calculate Me Class Frequency Calculate Va Class	edian for 0-4 5 riance fo	the follo 4-8 7 or the fo 4	owing da 8-12 10 Ilowing d	ata: 12-16 8 data: 8	16-20 4 10	
Calculate Me Class Frequency Calculate Va Class Frequency	edian for 0-4 5 riance fo 2 3	the follo 4-8 7 or the fo 4 5	bwing da 8-12 10 Ilowing da 6 8	ata: 12-16 8 data: 8 6	4 16-20 4 10 3	
Calculate Me Class Frequency Calculate Va Class Frequency Calculate Me	edian for 0-4 5 riance fo 2 3 ean for th	the follo 4-8 7 or the fo 4 5	owing da 8-12 10 Ilowing o 6 8 ving data	ata: 12-16 8 data: 8 6	16-20 4 10 3	
Calculate Me Class Frequency Calculate Va Class Frequency Calculate Me Class	edian for 0-4 5 riance fo 2 3 ean for th 0-2	the follo 4-8 7 or the fo 4 5 ne follow 2-4	ving da 8-12 10 Ilowing o 6 8 ving data 4-6	ata: 12-16 8 data: 8 6 a: 6-8	16-20 4 10 3 8-10	

Acto	States of nature				
ACIS	S1	S2	S3		
A1	120	240	300		
A2	200	180	250		
A3	150	100	200		
Probability	0.4	0.3	0.3		

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Q.6 Draw a decision tree for the following pay-off table & find best decision.

Asta	States of nature				
ACIS	S1	S2	S3		
A1	2000	1800	2200		
A2	1600	2400	3000		
Probability	0.5	0.3	0.2		

Q.7

Q.8

If the pay-off table is as given below, find best act using (i) Laplace criterion (ii) Maximax criterion

Acts	States of nature					
71010	S1	S2	S3	S4		
A1	15	8	22	28		
A2	10	20	18	15		
A3	12	25	16	6		

The following is demand function of a certain product which is perishable. If cost of a product is 20 per piece and selling price is 35 per piece. Choose the best decision.

Number of units demanded	50	55	60	
Probability	0.4	0.4	0.2	

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Time: 01 hr

Note: 1)

Q.1

Q.2

Q.3

Q.4

Q.5

2) 3) 4)

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A3	12	25	16	6		

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