



## Studymate Foundation Paper

Date : 23/12/2018 Duration : 90 Min. Max. Marks : 90 Accountancy, Economics & Mathematics/Business Studies (Set-1)

CLASS XI

## General Instructions:

- $\label{eq:loss} \textbf{1.} \quad \text{All questions are compulsory in each section.}$
- **2.** Each question is allotted **ONE** mark for each correct response.
- **3.** No deduction from the total score will be made if no response is indicated for the question in the answer sheet.
- **4.** There is only **ONE** correct response for each question. Filling up **MORE THAN ONE** response in each question will be treated as wrong response.
- 5. This paper contains 90 questions (Accountancy 1-30, Economics 31-60 and Mathematics 61-90 / Business Studies 61-90).
- 6. It is **MANDATORY TO ATTEMPT** Accountancy, Economics and attempt **ANY ONE** of either Mathematics or Business Studies.
- **7.** Use of calculators is not allowed.

## (Accountancy)

**Directions for the Question 1 to 3:** In each of the questions given below, there are two statements marked as Statement (A) and Statement (B). Mark your answer as per the codes provided below:

- (A) Both A and B are true and B is correct explanation of A.
- (B) Both A and B are true and B is not correct explanation of A.
- (C) A is true and B is false.
- (D) A is false and B is true.
- **1. Statement (A):** Provision for discount is made on debtors after subtracting further bad debts and new provisions.

Statement (B): Only those debtors who pay money immediately are given discount.

2. Statement (A): Accounts follow accrual basis of accounting.

**Statement (B):** Revenue is deemed to be realised when the title or the ownership of the goods has been transferred to the purchaser and when he has legally become liable to pay the amount to seller.

**3. Statement (A):** To reduce the burden of journals and avoid duplicity subsidiary books are prepared.

Statement (B): Cash book is a substitute book for cash account and bank account.

- **4.** Life insurance premium paid by firm of ₹10,000, should be treated as follows
  - (A) Credited to profit and loss A/c
    - (B) Debited to Trading A/c
  - (C) Deducted from capital (D) Deducted from sales

STU m helps exce	Ale a						_				
5.	When a cheque received is endorsed, it must be entered on										
	(A) Debit side of Cas	h bool	2	(B)	Credit side of	Cash book					
	(C) Journal Proper			(D)	Both the sides	s of cash book					
6.	A Machine was purch is ₹4,37,400. Depreci cost price of machine	ased of ation (on 1	on 1st April,2008 is charged @10% st April, 2008)?	3. The b p.a. or	alance of this m n written down	achine on 31st March, 201 value Method. What was th	1 .e				
	(A) ₹8,00,000	(B)	₹6,24,000	(C)	₹6,00,000	(D) None of these					
7.	A bill drawn on 23.1 date of maturity of th	1.2010 e bill y	) as payable 2 M will be-	onths a	fter date was a	ccepted on 24.11.2010. Th	e				
	(A) 26.01.2011	(B)	25.01.2011	(C)	23.01.2011	(D) 27.01.2011					
8.	A second hand mach	ine is st is₹	purchased for ₹9	90,000 ssing io	amount paid to	repair the machine ₹10,00	0 d				

- ion cost is ₹20,000. While pass ng journal entry i le account will be debi by:
  - (a) ₹90,000 (b) ₹1,00,000 (c) ₹1,20,000 (d) None of these
- The accountant of M/s ABC Ltd. is not able to tally the trial balance. The difference in trial 9. balance is due to:

Head of account	Debit	Credit
Salary	2,000	
Miscellaneous expenses	2,000	
Misc. receipt	1,000	
Purchase return	1,000	
Sales		5,000
Purchase	3,000	

- (a) Wrong placement of salary account.
- (b) Wrong placement of miscellenous exp.
- (c) Wrong placement of misc. receipt and purchase return.
- (d) None of these
- 10. Credit balance as per cashbook was ₹5,000 on 31.12.2018, if cheque issued but not presented amounts to ₹2,000 and direct deposit by customer amounted to ₹10,000, calculate balance as per pass book should be:
  - (a) ₹7,000 debit (b) ₹7,000 credit (c) ₹17,000 credit (d) None of these
- **11.** Shyam our debtor for ₹2,500 had defaulted and the amount had been treated as bad debts. He has now paid ₹2,000. What amount should be credited to Shyam account?
  - (a) ₹2,000 (b) ₹2,500 (c) ₹500 (d) None of these
- **12.** Salary of manager is \_\_\_\_\_ and appointment of manager is \_\_\_\_\_
  - (b) Event transaction (a) Compulsory – optional
  - (c) Transaction event (d) None of these

13.	• Outstanding expense are recorded in the books of account because of which principle of accounting?										
	(a)	Prudence	(b)	Dual aspect	(c)	Accrual	(d)	All of these			
14.	If c is	apital is ₹5,00,000,	loan	is ₹2,50,000 and o	credi	tor is of ₹50,000 th	en te	otal asset of the firm			
	(a)	₹8,00,000	(b)	₹5,00,000	(c)	₹7,50,000	(d)	₹5,50,000			
15.	Na	ture of input CGST	is								
	(a)	Liability	(b)	Expense	(a)	Revenue	(d)	Asset			
1 <b>6</b> .	Fro	om the following info	orma	tion calculate gros	s pro	fit:					
	Opening stock ₹50,000, closing stock ₹80,000, carriage on purchase ₹15,000, carriage on sales ₹25,000, sales ₹15,00,000 cost of goods sold ₹12,10,000.										
	(a)	₹2,75,000	(b)	₹2,65,000	(c)	₹2,90,000	(d)	₹3,05,000			
17.	Cal	culate closing stocl	c fror	n the following det	ails:						
	Op Sto	ening stock ₹2,40, ock lost by fire ₹10,0	000; 00; C	Sales ₹9,75,000; Fross profit is 30%	Puro on co	chases ₹6,80,000; ost.	Dep	preciation ₹2,00,00;			
	(a)	₹1,70,000			(b)	₹1,60,000					
	(c)	₹3,95,000			(d)	₹7,50,000					
18.	Wh	ich of the following	state	ements is not true	:						
	(a)	Balance sheet is p	repai	red on a particular	date	and not for a parti	cula	r accounting period.			
	(b)	Marshalling mean sheet.	s sh	owing the asset a	nd li	abilities in a prop	oer o	rder in the balance			
	(c)	Grouping means s	howi	ing the items of sin	nilar	nature under a co	ommo	on heading.			
	(d)	The least liquid as	set is	s shown first in or	der o	f permanence.					
19.	Bil	l discounted but not	t mat	ured is							
	(a)	Current liability			(b)	Contingent liabil	ity				
	(c)	Current asset			(d)	Intangible asset					
20.	Wh	at will be the amou	nt of	operating profit fro	om tł	ne following inform	atior	1:			
	Net	t profit ₹2,50,000			Fac	tory rent ₹7,000					
	Los	ss on sale of furnitu	re ₹6	,000	Sala	ary₹60,000					
	Div	vidend received ₹3,0	000		Rer	t received ₹12,000	)				
	(a)	₹2,56,000			(b)	₹2,41,000					
	(c)	₹2,35,000			(d)	None of these					
21.	Wa	ges paid for constru	ctior	n of building is deb	ited t	0					
	(a)	Wage accounts			(b)	Building account	S				
	(c)	Construction acco	unts		(d)	None of these					

STU Melps excel	DY <i>ILE</i>									
22.	Sol	d to Krishan for ₹34	65 w	rongly	credited to I	Kisha	an as ₹3456. Rectifie	ed e	ntry sh	nould be.
	(a)	Krishan's A/c	Dr.	3,46	4	(b)	Krishan's A/c		3,456	
		To Kishan's A/o	2	3	3,456		Kishan's A/c		3,465	
							To Suspense A/o	С		6,921
	(c)	Krishan's A/c	Dr.		9	(d)	Suspense A/c	(	6,921	
		Kishan's A/c	Dr.		9		To Krishan's A/	c ]	Dr.	3,456
		To Suspense			18		To Kshan's A/c	]	Dr.	3,465
23.	Wh	at is the impact of d	isco	unt alle	owed in acco	ounti	ng equation?			
	(a)	Increase in assets	and	owner	s liability	(b)	Decrease in assets	s an	id own	ers liability
	(c)	Increase in Liabilit	y an	d owne	ers liability	(d)	Decrease in Liabil	ity a	and ow	ners liability
24.	Mr. ₹1, los:	. A started a busine 00,000. On 31st Mar s the year	ess o rch 2	n 1st A 014, hi	April, 2013 is assets we	with re ₹2,	a capital of ₹1,50,0 25,000 calculate clo	)00 osin	and a Ig capit	bank loan of al and Profit/
	(a)	₹75,000 and ₹1,25,	000			(b)	₹1,25,000 and (₹25	5,00	0)	
	(c)	₹2,50,000 and ₹75,	000			(d)	None of these			
25.		is offered an	ıd all	owed o	on sales com	plete	ed in the past.			
	(a)	Trade discount				(b)	Cash discount			
	(c)	Rebate				(d)	None of these			
26.	Pre	pration of Trial Bala	ance,	Profit	& Loss A/c	and	Balance Sheet com	e in	the st	age of
	(a)	Recording	(b)	Meas	uring	(c)	Classifying	(d)	Sum	marising
27.	Wh	ich of the following	s is/	are no	t the qualit	ative	characteristics of a	icco	unting	information
	(i)	Reliability	(ii)	Comn	nunication	(iii)	Summarising	(iv)	Relev	ance
	Ch	ose the correct optic	n							
	(a)	(i) & (ii)	(b)	(ii) &	(iii)	(c)	(i) & (iii)	(d)	(iii) &	5 (iv)
28.	Cas and are	sh sales ₹2,00,000; d l outstanding salary maintained by both	eredi ₹50, 1 casi	t sales 000. W h basis	₹1,00,000; o hat would b and accura	credi e the al bas	t purchases ₹1,50,0 difference between sis of accounting?	000; pro	wages fit or los	paid ₹50,000 ss if accounts
	(a)	₹1,00,000	(b)	₹Zero		(c)	₹50,000	(d)	None	of the these
29.	Pro pai opt	prietor Mr. Ajay sold d to business credit ion for recording jou	his p ors ir urnal	persona n full se l entry	al bike of₹50 ettlement of in the books	),000 dues s of tl	at ₹40,000 and out 6 s of creditors of ₹40, he firm.	of w 000	hich ca . Choos	ash of₹30,000 se the correct
	(a)	Creditors A/c D	r 40	,000		(b)	Creditors A/c	D	r. 40,0	00
		To Cash A/c			30,000		To Cash A/c			30,000
		To Discount Red	ceive	d A/c	10,000		To Loss on Sale	of B	ike A/o	c 10,000
	(c)	Cash A/c D	r 40	,000		(d)	Creditors A/c	D	r. 40,0	00
		To Bike A/c			30,000		To Capital A/c			30,000
		To Discount Red	ceive	d A/c	10,000		To Discount Rec	eive	ed A/c	10,000

						neipa excer in boarda							
30.	A firm is maintaining subsidiary books along with journal proper. Find which of the following will be recorded in journal proper.												
	(i) Goods of ₹1,000 purch	(i) Goods of ₹1,000 purchased from Ram											
	(ii) Goods of ₹1,000 purchased from Shyam on cash												
	(iii) Furniture of ₹1,000 pt	(iii) Furniture of ₹1,000 purchased from Mohan											
	(iv) Furniture of ₹1,000 pt	rchased from Ravi	on ca	sh									
	Chose the correct option												
	(a) (i), (ii) & (iii) (b)	(ii) & (iii)	(c)	(iii)	(d)	(iii) & (iv)							
		(Econor	mics	)									
31.	A statistical tool which tell value is called	s us how items in a	parti	cular group is spi	read o	out from the average							
	(a) Correlation		(b)	Mode									
	(c) Median		(d)	Standard deviati	on								
32.	Average daily wage of 50 v Each given a raise of Rs. 2	vorkers of a factory 0. The new average	was e dail	Rs. 200 with star y wage and stand	idard .ard d	deviation of Rs. 40. leviation will be							
	(a) 220,60 (b)	220, 40	(c)	200, 40	(d)	200,60							
33.	If CBSE is interested in known it will calculate	owing the minimum	ı marl	ks in Economics o	ftop2	25% of the students,							
	(a) First quartile (b)	Median	(c)	third quartile	(d)	Fifth decile							
34.	Area under frequency poly	gon is equal to the	area	under									

- (a) Less than ogive (b) Histogram (c) Pie diagram (d) More than ogive
- **35.** The pie diagram of market share of 4 brands of TV sold in Bhopal are given below

Brands of sets	Units sold in Panipat
Samsung	480
Akai	360
Onida	240
Sony	120

Which of the below mentioned conclusion will be correct.

- (a) Share of Akai in greater than share of Samsung.
- (b) Samsung holds the maximum market share with 30%.
- (c) Akai and Onida both has maximum share of 40% .
- (d) Sony has 10% share in the market.
- **36.** The captain of the cricket team has to select either of the two batsman A and B for 5-day match between India and Pakistan. He needs a more consistent player. Please support him as whom to select based on the data of their earlier performance

Batsman A	Batsman B
$\overline{X} = 70$	$\overline{Y} = 62$
$\sigma_{\rm X} = 34$	$\sigma_{_{Y}}$ = 13

The option are-

- (a) Batsman A as his average score is high.
- (b) Batsman A as his standard deviation is high.
- (c) Batsman B as his coefficient of variation in lesser than that of B.
- (d) Batsman A as his coefficient of variation is higher than that of B.
- **37.** What type of correlation exists between the marks of Economics and Hindi in the data given below?

Economics (Marks)	54	27	52	14	35	90	26	56	60	
Hindi (Marks)	35	58	60	46	50	40	35	56	44	42
(a) Positive and line				<b>(b)</b>	Negati	ve and	l linea	r		
(c) Positive and non				(d)	Negati	ve and	l non-	linear		

**38.** Three students of class XII, Arun, Nitika and Rahul were given the task of selecting a sample of 16 students from a class of 50 students. Arun got the list of roll numbers of student and then took student after regular interval of 5. Nitika divided the entire class into boys and girls and then draw a sample of 5 student from each group. Rahul picked up his 10 friends in the sample. Which methods were used by them.

Arun - Judgement	(b)	Arun - Judgement
Ritika - Stratified		Ritika - Systematic
Rahul - Systematic		Rahul - Stratified
Arun - Systematic	(d)	Arun- Systematic
Ritika - Stratified		Ritika - Judgement
Rahul - Judgement		Rahul - Stratified
	Arun - Judgement Ritika - Stratified Rahul - Systematic Arun - Systematic Ritika - Stratified Rahul - Judgement	Arun - Judgement(b)Ritika - StratifiedRahul - Systematic(d)Ritika - StratifiedRahul - Judgement

- **39.** Errors of origin arises due to
  - (a) Incomplete data and non response of students.
  - (b) Wrong calculation.
  - (c) Wrong interpretation of data
  - (d) Inappropriate definition of unit, scale or defective questionnaire
- **40.** If  $f_1 = 30$ ,  $f_0 = 25$ ,  $f_2 = 24$ ,  $L_1 = 40$  and i = 20, the value of mode will be

(a)	39.9	(b)	42.09	(c)	47.09	(d)	49.09
· ·		· ·		· ·		· ·	

- 41. If ∑X (wrong) = 10,600, correct mean = 264.125, incorrect item = 150, number of item = 40, then find the value of correct item.
  - (a) 100 (b) 120 (c) 115 (d) 200

42. Which of the following statement is correct for given bar diagram



- (a) Factory B is spending more percentage on wages as compared to factory A.
- (b) Factory A is selling at a higher price than cost price.
- (c) Factory B is making more profits than factory A.
- (d) Factory B is selling at a higher price than the cost price.
- **43.** The formula, Mode = 3 Median 2 Mean will apply to which of the diagram drawn below



- **46.** Improvement in skills of labour will be shown by
  - (a) a point on PPC to the point inside the PPC.
  - (b) a leftward shift of PPC.
  - (c) a rightward shift of PPC.
  - (d) a point inside the PPC to the point on PPC.
- **47.** With an increase in income household A starts consuming more of full cream milk and less of double toned milk while household B starts consuming more of double toned milk and less of single toned milk. Identify the correct statement.
  - (a) For household A full cream is inferior good and double toned is a normal good.
  - (b) For household B double toned is a normal good and single toned is a inferior good.
  - (c) For both households A and B single toned is an inferior good.
  - (d) For both households A and B double toned is a normal goods.
- **48.** Based on the graph drawn below identify the correct statement.
  - (a) Elasticity at point A is more than at point B.
  - (b) Elasticity at point B is more than at point A.
  - (c) Elasticity is same at both the points and is equal to zero.
  - (d) Elasticity is same at both the points and is equal to infinity.
- **49.** When MP > AP, and MP is falling, AP is
  - (a) rising (b) falling (c) at maximum (d) none of above
- **50.** If price of X remains Rs. 4 and price of Y increases from Rs. 2 to Rs. 4, what will happen to the slope of budget line?

Price

Quantity

- (a) slope will remain same (b) slope will increase
- (c) slope will decrease (d) none of the above
- **51.** For a horizontal demand curve the slope will be
  - (a) equal to 1 (b) less than 1 (c) equal to 0 (d) equal to infinity
- **52.** Given Marginal Utility of Money = 2 utils and price of X is ₹ 4, a consumer attains equilibrium when he buys 4 units of X. How many units will be purchased by him if MU<sub>m</sub> increases to 4 utils.

	Units of X	MU <sub>x</sub> (Utils)
	1	20
	2	16
	3	12
	4	8
	5	4
	6	0
	7	-4
(0	) 2	(b) 6
(a	.) 3	o (u)

**53.** Out of the 3 points A, B and C, where would a consumer be, if MRS < MRE



- (a) A and C. (b) Only at A. (c) A and B. (d) Only at B.
- **54.** Phase of negative returns is the third phase of law of variable proportions in which
  - (a) total product increases at diminishing rate.
  - (b) marginal product falls but remains positive.
  - (c) total product reaches its maximum.
  - (d) total product falls.
- **55.** Which of the following statements is true?
  - (a) Rich people do not have scarcity of resources.
  - (b) Developed nations do not face any economic problem.
  - (c) Economic problem is basically a problem of choice.
  - (d) Countries with small population have limited wants.
- **56.** Which of the following is an explicit cost?
  - (a) Estimated rental value of land (b) Depreciation
  - (c) Normal profit (d) Interest on self invested capital
- **57.** With decrease in output AVC and AC curves
  - (a) come closer and closer to each other. (b) intersect each other
  - (c) go farther from each other. (d) become parallel to each other.
- **58.** The shape of TFC curve in short run is
  - (a) parallel to y-axis (b) parallel to x-axis (c) inverse U-shaped (d) U-shaped
- **59.** Increase in demand is said to occur when
  - (a) less quantity is demanded at the same price.
  - (b) more quantity is demanded at a lower price.
  - (c) more quantity is demanded at the same price.
  - (d) less quantity is demanded at a higher price.
- **60.** When price of a commodity X falls by 10%, its demand rises from 150 units to 180 units. How much should be the percentage fall in its price so that its demand rises from 150 units to 210 units?
  - (a) 30% (b) 25% (c) 20% (d) 28%

## (Mathematics)

61.	In a the r	town of 840 perso: number of person	ns, 4 who	50 persons read Hi read neither is	ndi, i	300 read English a	nd 2	00 read both. Then
	(a)	240	(b)	290	(c)	180	(d)	160
62.	Let a from	n(A) = m  and  n(B) = n A  to  B  is	= n. 1	Then the total num	ber o	f non-empty relation	onst	that can be defined
	(a)	$m^n$	(b)	$n^m - 1$	(c)	<i>mn</i> – 1	(d)	$2^{mn}-1$
63.	The	domain and range	e of t	he real function $f$ d	efine	ed by $f(x) = \frac{4-x}{x-4}$	is gi	ven by
	(a)	Domain = R, Rar	nge =	{-1, 1}	(b)	Domain = R - {-1}	, Ra	nge = R
	(c)	Domain = R - {4}	, Rar	nge = {-1}	(d)	Domain = R - {-4}	, Ra	nge = $\{-1, 1\}$
64.	The	value of $\frac{1-\tan^2 1}{1+\tan^2 1}$	15° 15°	is				
	(a)	1	(b)	$\sqrt{3}$	(c)	$\frac{\sqrt{3}}{2}$	(d)	2
65.	The	value of tan 3A –	tan 2	2A – tan A is equal t	0			
	(a)	tan 3A tan 2A ta	n A					
	(b)	–tan 3A tan 2A ta	an A					
	(c)	tan A tan 2A – ta	ın 2A	tan 3A – tan 3A ta	n A			
	(d)	None of these						
66.	The	value of sin(45° +	θ) – (	$\cos(45^\circ - \theta)$ is				
	(a)	$2\cos\theta$	(b)	$2\sin\theta$	(c)	1	(d)	0
67.	If si	$h \theta + \cos \theta = 1$ , the	en th	e value of sin $2\theta$ is	equa	ıl to		
	(a)	1	(b)	1/2	(c)	0	(d)	-1
68.	If $x^n$	– 1 is divisible by	x - k	c, then the least pos	sitive	e value of <i>k</i> is		
	(a)	1	(b)	2	(c)	3	(d)	4
69.	The	value of $1 + t' + t^4$	+ i <sup>o</sup> -	+ + $t^{20}$ is				
	(a)	1	(b)	-1	(c)	0	(d)	2
70.	Wha	It is the value of $\frac{\dot{i}}{2}$	<sup>4n+1</sup> – 2	$\frac{-i^{4n-1}}{2}$ ?				
	(a)	1	(b)	i	(c)	-1	(d)	- <i>i</i>
71.	Give	en that <i>x, y</i> and <i>b</i> a	are re	eal numbers <i>x</i> < <i>y</i> ,	<i>b</i> < 0	, then		
	(a)	$\frac{x}{b} < \frac{y}{b}$	(b)	$\frac{x}{b} \le \frac{y}{b}$	(c)	$\frac{x}{b} > \frac{y}{b}$	(b)	$\frac{x}{b} \ge \frac{y}{b}$

72.	The num	re are 10 lamps in uber of ways in wh	a ha ich t	ll. Each one of the he hall can be illur	m ca nina	n be switched on i ted.	ndep	pendently. Find the
	(a)	$2^{10} - 1$	(b)	$2^{10}$	(c)	10!	(d)	$10^{2}$
73.	Eveı The	ry body in a room total number of p	shak ersor	tes hands with even ns in the room is	ryboo	ly else. The total n	umb	per of shakes is 66.
	(a)	11	(b)	12	(c)	13	(d)	14
74.	The	total number of te	erms	in the expansion o	of (x +	$(x-a)^{51} - (x-a)^{51}$ after	r sir	nplification is
	(a)	102	(b)	25	(c)	26	(d)	None of these
75.	If the coefficient of $x^7$ and $x^8$ in $\left(2 + \frac{x}{3}\right)^n$ are equal, then <i>n</i> is							
	(a)	56	(b)	55	(c)	45	(d)	15
76.	In a	n A.P. the $p^{ ext{th}}$ term	n is $q$	and the $(p + q)$ th t	erm	is 0. Then the $q^{ m th}$ t	erm	is
	(a)	- <i>p</i>	(b)	р	(c)	p + q	(d)	p-q
77.	Sun	n of $1^2 + 2^2 + 3^2 + \dots$	+	$n^2$ is				
	(a)	$\frac{n(n+1)(n+2)}{6}$	(b)	$\frac{n(n+1)(2n+1)}{6}$	(c)	$\frac{n(n+1)(n-1)}{3}$	(d)	$\frac{n(n-1)(n-2)}{3}$
78.	Equ	ation of line passi	ng th	rough (1, 2) and pa	ralle	1 to the line $y = 3x$	– 1 i	S
	(a)	y + 2 = x + 1	(b)	y + 2 = 3(x + 1)	(c)	y - 2 = 3(x - 1)	(d)	y - 2 = x - 1
79.	If a,	b, c are in A.P., th	ien tl	he straight line ax	+ by	+ $c$ = 0 will always	pass	through
	(a)	(1,2)	(b)	(1, -2)	(c)	(2, 1)	(d)	(-2, 1)
80.	The	equation of the cir	rcle v	which passes throu	gh th	e point (4, 5) and l	1as i	ts centre at (2, 2) is
	(a)	$(x-2)^2 + (y-2)^2 =$	13		(b)	$(x-2)^2 + (y-2)^2 = 2$	26	
	(c)	$(x-2)^2 + (y+2)^2 =$	13		(d)	$(x+2)^2 + (y+2)^2 =$	13	
81.	The	length of the foot	of pe	rpendicular drawn	from	the point <i>P</i> (3, 4, 5	) on	<i>y</i> -axis is
	(a)	10	(b)	$\sqrt{34}$	(c)	$\sqrt{113}$	(d)	$5\sqrt{2}$
82.	$\lim_{x\to 0}$	$\frac{\sin x}{x(1+\cos x)}$ is equ	ial to					
	(a)	0	(b)	$\frac{1}{2}$	(c)	1	(d)	-1
83.	$\lim_{x\to 0}$	$\frac{ x }{x}$ is equal to						
	(a)	1	(b)	-1	(c)	0	(d)	Does not exist
84.	If <i>f</i> (x	$f(x) = x \sin x$ , then $f(x)$	$r'\left(\frac{\pi}{2}\right)$	is equal to				
	(a)	0	(b)	1	(c)	-1	(d)	$\frac{1}{2}$

85.	$\lim_{x \to \pi}$	$\lim_{x \to \pi} \frac{\sin x}{x - \pi}$ is						
	(a)	1	(b)	2	(c)	-1	(d)	-2
86.	If <sup>n</sup>	$C_{12} = {}^{n}C_{8}$ , then <i>n</i> is	equa	1 to				
	(a)	20	(b)	12	(c)	6	(d)	30
87.	Th	e mean deviation of	the	data 2, 9, 9, 3, 6, 9	), 4 fi	rom the mean is		
	(a)	2.23	(b)	2.57	(c)	3.23	(d)	3.57
88.	If t	he focus of a parab	ola is	s $(0, -3)$ and its dire	ectrix	is $y = 3$ , then its e	equa	tion is
	(a)	$x^2 = -12y$	(b)	$x^2 = 12y$	(c)	$y^2 = -12x$	(d)	$y^2 = 12x$
89.	In	a non-leap year, the	e prol	bability of having 5	3 tue	esdays or 53 wedne	esday	ys is
	(a)	$\frac{1}{7}$	(b)	$\frac{2}{7}$	(c)	$\frac{3}{7}$	(d)	None of these
90.	As	ingle letter is select	ed at	t random from the v	vord	'PROBABILITY'. Th	le pr	obability that it is a
	vov	wel is						
	(a)	$\frac{1}{3}$	(b)	$\frac{4}{11}$	(c)	$\frac{2}{11}$	(d)	$\frac{3}{11}$
				(Business S	Stud	ies)		
61.	Wh	ich of the following	is no	ot an example of eco	onom	vic activity?		
	(a)	Farming.	10 110					
	(e) (b)	A house wife prepa	aring	Rice for her Son's l	Frier	d.		
	(c) A school teacher teaching to her son at school.							
	(d)	1) Teaching						
62.	Wh	ich of the following	canr	not be classified as a	an ai	uxiliary to trade?		
	(a)	Banking	(b)	Insurance	(c)	Transport	(d)	Mining
63.	"Pr	ofit do not have to b	e sh	ared." This stateme	ent re	efers to		
	(a)	Company			(b)	Hindu Undivided H	rami	ly
	(c)	Partnership			(d)	Sole proprietorship	р	
64.	Inv	which type of busin	ess o	rganisation "Perpet	ual S	Succession" is four	ıd	
	(a)	Sole Proprietorship	)		(b)	Partnership		
	(c)	Company			(d)	All of the above		
65.	Аp	rospectus is issued	by					
	(a)	A private company						
	(b)	A public company.						
	(c)	A public enterprise	e see	king investment fro	om b	ank.		
	(d)	A public company	seek	ing investment from	n pul	olic.		



66.	Centralised control in MNCs implies control exercised by										
	(a)	Branches	(b)	Headquarters	(c)	Parliament	(d)	Subsidiaries			
67.	PSI	Es are organisation	s owi	ned by							
	(a)	Government			(b)	Joint Hindu Far	nily				
	(c)	Foreign Company			(d)	Private Compan	y				
68.	Wh	ich of the following									
	(a)	Infosys	(b)	Reliance	(c)	Colgate	(d)	Ranbaxy			
69.	Baı	Bandan Bank comes under which category of banks?									
	(a)	Public Sector Ban	ks		(b)	Private Sector E	Banks				
	(c)	Cooperative Bank	s		(d)	None of the abo	ve				
70.	<b>).</b> Even after investing more money in an organisation, Ravi was able to give just one Which type of organisation is this.										
	(a)	Cooperative societ	ty.		(b)	Partnership firr	n.				
	(c) One man Company.				(d)	Hindu undivided family.					
71.	The	e word 'Assurance'	is us	ed for							
	(a)	Life Insurance	(b)	Theft Insurance	(c)	Fire Insurance	(d)	Marine Insurance			
72.	ΑE	Curopean company	want	s to raise finance f	rom I	ndia. Which will	be the	best option to do so			
	(a)	ADR.			(b)	GDR.					
	(c)	IDR.			(d)	Financial instit	ution				
73.	Fac	ctoring facility is	•••••	type of outso	ourci	ng services					
	(a)	Customers Suppo	rt Se	rvices	(b)	Courier Servic	es				
	(c)	Advertising servic	es		(d)	Financial services					
74.	Wh	ich of the following	is ca	pable of doing max	kimu	m good to society?	?				
	(a)	Ethics			(b)	Laws and regula	ations				
	(c)	Business success			(d)	Professional Ma	anager	ment			
75.	The	The term 'redeemable' is used for									
	(a)	Commercial Paper	rs		(b)	Public Deposits					
	(c)	Equity shares			(d)	Preference Sha	res				
76.	AD	Rs are issued in									
	(a)	China	(b)	Canada	(c)	USA	(d)	India			
77.	Wh con	ich one of the follow npany	ving i	s the unsecured sh	ort-te	erm deposits made	e by co	ompany with another			
	(a)	American Deposit	ory F	Receipt	(b)	Inter Corporate	Depos	sits			
	(c)	Global Depository	Rece	ipt	(d)	Indian Deposito	ry Rec	ceipt			



78.	The investment limit of SSI does not exceed							
	(a) 1 Lakh to 5 lakh	(b) Five to ten Crore						
	(c) Ten Crore and above	(d) Above 25 Lakh and upto 5 crore.						
79.	Which of the following is helpful in the balanced regional development?							
	(a) Companies	(b) Small business						
	(c) Large-scale business	(d) none of the above						
80.	Incentive which is not given by government t is	to industries in backward, tribal and hilly areas,						
	(a) Preferential allotment of raw materials	(b) Power at concessional rates						
	(c) Free advertising in TV and newspapers	(d) Exemption from sales tax						
81.	Which source of finance is cheapest to compa	any?						
	(A) Equity share	(B) Preference share						
	(C) Retained earnings	(D) Debenture						
82.	is commonly used by business or	ganisations as a source of short-term financing.						
	(A) Lease financing (B) ADRs	(C) Trade Credit (D) None of these						
83.	Which of the following cannot be an argumen	nt for social responsibility.						
	(A) Justification for existence and growth.							
	(b) Long-term interest of the firm.							
	(c) Paying taxes as per manipulated Balance	e Sheet.						
	(d) Converting problems into opportunities.							
84.	Which of the following is not an emerging mo	ode of business						
	(a) E- commerce	(b) Out sourcing						
	(c) Brick and mortar trade.	(d) BPO						
85.	KT industries took insurance policies from two different companies. One policy is for ₹1,00,000 and another policy is for ₹2,00,000. After 3 months there was a fire in his godown and goods worth ₹1,50,000 were destroyed. How much amount can he claim from each insurance company.							
	(a) ₹7,50,000,₹75,000	(b) ₹1,50,000, ₹1,50,000						
	(c) ₹50,000,₹1,00,000	(d) None of these						
86.	While taking a life insurance policy from a ir was suffering from acute/critical injury. Wh Rocky	nsurance company Ravi did not disclose that he ich principle of insurance has been violated by						
	(a) Principle of Indemnity	(b) Principle of contribution						
	(c) Principle of utmost good faith	(d) Principle of mitigation						
87.	Car of a company was completely destroyed in approximately ₹3,00,000 lakh. But company companies. Which principle has been violate	n an accident and the market value of the car was y put a claim of ₹4,00,000 with the insurance d.						
	(a) Principle of Indemnity	(b) Principle of contribution						
	(c) Principle of utmost good faith	(d) Principle of mitigation						

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88.	Debentures are								
	i.	Short term finance option			ii.	Long term finance option			
	ii.	Debt capital			iv.	Owner capital			
	(a)	I and ii	(b)	ii and iii	(c)	iii and iv	(d)	i and iii	
89.	The	e possibilities of inad	lequa	ate profits or even lo	osses	due to uncertainti	es ar	e known as	
	(a)	Business contingencies			(b)	Business risks			
	(c)	Business ventures	5		(d)	None of these			
90.	Transfer of interest exists in the case of								
	(a)	Profession	(b)	employment	(c)	business	(d)	none of these	

 $\times \cdot \times \cdot \times \cdot \times \cdot \times$ 



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