Test Booklet Code B Test Booklet Ser No

MAI BHAGO ARMED FORCES PREPARATORY INSTITUTE FOR GIRLS, MOHALI NDA PREPARATORY WING ENTRANCE EXAM

Marks: 500 Jan 2024 Time: 2 hrs & 30 minutes

ROLL NO	SIGNATURE
NAME	DATE/TIME

INSTRUCTIONS FOR CANDIDATES

i.	Before attempting the paper, carefully read all the Instructions & Examples given on Side 1 of
1.	
	Answer Sheet (OMR Sheet) supplied separately.
ii.	An OMR Answer Sheet is being provided separately along with this Test Booklet. Please fill up all
	relevant entries like Roll Number, Test Booklet Code etc in the spaces provided on the OMR
	Answer Sheet and put your signature in the box provided for this purpose.
iii.	Make sure to fill the correct Booklet Code on Side 2 of the OMR Answer Sheet. If the space for the Booklet
	Code is left blank or more than one Booklet Codes are indicated, it will deem to be incorrect Booklet Code
	and thus, the Answer Sheet will not be evaluated. The Candidate herself will be solely responsible for all
	the consequences arising out of any error or omission in writing the Test Booklet Code.
:	
iv.	At the start of the examination, please ensure that all pages of your Test Booklet are properly
	printed; your Test Booklet is not damaged in any manner and contains 125 questions. In case
	of any discrepancy, the candidate should immediately report the matter to the Invigilator for
	replacement of the Test Booklet. No claim in this regard will be entertained at a later stage.
v.	This Test Booklet comprises 12 pages containing 125 questions in two Sections. Section I consists
	of 70 question and Section II of 55 questions . Section I includes questions on General English,
	General Science and Awareness and Section II includes questions on Mathematics. A total of 2 hrs
	& 30 minutes will be given to solve the Test Paper. No separate indication will be given with respect
	to any Section. Against each question, four alternatives (1), (2), (3), (4) are given, out of which only
	one is correct. Indicate your choice of answer by darkening the circle with BLACK/BLUE pen in the
	OMR Answer Sheet supplied to you separately. Use of pencil is NOT ALLOWED . More than one
	answers indicated against a question will be deemed as incorrect response.
:	
vi.	The maximum marks are 500 . Each question carries FOUR marks. Each right answer will carry four
	marks. There will be NEGATIVE MARKING. One mark will be deducted for every wrong answer.
vii.	Do not fold or make any stray marks on the OMR Answer Sheet. Any stray marking or smudge
	on the OMR Sheet will be taken as wrong answer. Any damage to OMR Answer Sheet may result
	in disqualification of the candidate.
viii.	On completion of the test, the candidate must hand over the OMR Answer Sheet, Test Booklet
V 1111.	Paper and Admit Card to the invigilator on duty in the examination hall.
ix.	Use of Mobile phone or any other similar electronic gadget is not permitted.
х.	All belongings must be kept outside the Examination Hall. Other than the Admit Card, no
	other paper of any kind can be retained while taking the Test.

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SECTION I: GENERAL ENGLISH, GENERAL SCIENCE & AWARENESS (70 Questions – 280 Marks; Minimum 70 Marks to Qualify; Minus 1 Mark for every wrong Answer)

	, -	-4): In these question e meaning of the wor	•	ernatives, choose the one
1.		culate, she cleared the jo		aolora
1.	(1) cheerful	(2) clear	(3) garrulous	(4) confident
	` ,			(4) confident
2.	(1) truth	e <u>veracity</u> of his stateme (2) usefulness	(3) sincerity	(4) falsity
	. ,		•	•
3.	(1) absurd	terly preposterous it of (2) practical	(3) praiseworthy	(4) forlorn
				(4) 10110111
4.	-	nt was <u>cogent</u> , well put	· -	(4) confusing
	(1) unpleasant	(2) convincing	(3) brief	(4) confusing
	ections (Questions 5 which best expresso		s are given for the ic	liom/phrase. Choose the
5.		ne problem <u>fair and sq</u>ı	<u>iare</u> .	
	(1) in a critical way		(3) neither very good	nor very bad
	(2) in a foolish way		(4) in an honest way	
6.	_	nether the chicken or the		1
	(1) A useless question	ı tion, an issue open to arg		surd question ıghtful question
		-		use without thinking too much
7.	about it.	the gab and the ability t	o me out a quick respon	ise without thinking too much
	(1) The ability to spoi	l something	(3) The ability to sell	things
	(2) Gift from a sacred	linstitution	(4) The ability to spea	ak easily and confidently
8.	I expected that big co have been above boa	- •	vantage of us, but so far	r all of their dealings with us
	(1) legitimate, honest		(3) an essential fact	
	(2) controversial	7	(4) a source of contin	nual trouble
9.	If they find out what y	you did, you're dead me	<u>eat</u> .	
	(1) be killed		(3) be in s	serious trouble
	(2) be taken prisoner		(4) bringi	ng bad omen
		•	-	oossible substitutions for
	underlined part. ds/phrases.	Choose the one th	at can correctly	replace the underlined
10.		devoted himself to public	affairs without taking a	holiday
10.	(1) since	(2) over	(3) for	(4) in
11.	, ,		107	, rushed in making us shiver
11.	from head to foot.	ino usor <u>wazon</u> mo i	am, noavy and stormy	, ruencu in mutang ue enrici
	(1) for	(2) but	(3) than	(4) with
12.	Rabindranath Tagore,	a Nobel laureate and the	author of the National A	nthem, found Shantiniketan.
	(1) was founding		(3) was finding	
	(2) founded		(4) had founded	

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13.	If Ramesh will be pro	omoted he will get a hi	gher salary.	
	(1) was promoted		(3) is being promoted	
	(2) is promoted		(4) would be promote	ed
		•	-	tions following the passage.
Read	l the passage carefully	and choose the best an	swer to each question	out of the four alternatives.
***		_	_	w. There can be no sunshine
		_		be grateful that thorns bear row and suffering. Yet, it is
		-	-	aty in it. The world is like a
				ry, then, to look at the bright
	-			ny of sunshine and brightens
the w	hole room. Life has bee	en described as a comedy	y to those who think and	d a tragedy to those who feel.
14.	-	re are some persons who oom". The reason for thi		s like a ray of sunshine and
	(1) have the capacity t		(3) talk more of roses	and less of thorns
	(2) are happy and spr		(4) look good and beh	
15.	What is the author's m	nessage in this passage?		
	(1) Look at the bright		(3) Our existence is ve	-
	(2) The world is a lool	king glass.	(4) Expect much sorro	ow and suffering.
16.	The author says that w	ve cannot go through life	e without sorrow because	se
	(1) it is our fate.		(3) we are always disc	
	(2) life is a tragedy.		(4) human life is very	-
17.	_	a tragedy to those who		ragedy to those who
	(1) think about the wo		(3) believe in fate.(4) are sensitive and example.	om ation al
	(2) do not understand			
	, -	3-22): In following quose the one which is o	•	our alternatives for each to it.
18.	ADULATION			
	(1) back-biting	(2) condemnation	(3) flattery	(4) praise
19.	DUBIOUS			
	(1) shady	(2) suspicious	(3) trustworthy	(4) doubtful
20.	COAX			
	(1) convince	(2) persuade	(3) caution	(4) dissuade
21.	MAGNANIMOUS.			
	(1) small	(2) petty	(3) kind	(4) majestic
22.	MITIGATE			
	(1) intensify	(2) enhance	(3) convince	(4) falsify
	. •	•	•	this section consists of a
	-	•	-	een labelled P, Q, R and S.
		e are four sequences i arts of the sentence at	• • • • •	d (4). You are required to se accordingly.
23.		I were I would begin		
J.	P P	Q R	S	
	(1) QPRS	(2) PQRS	(3) SRQP	(4) RSPO

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24.	The Prime Minis	ter deciared that <u>t</u>	D O	nd aid/where family planning/
	is implemented S	very efficiently	r y	K
	(1) PRSQ	(2) PQRS	(3) RSPQ	(4) QPSR
25.	Is often worse the P	an / <u>to make him s</u> Q	<u>sad</u> / <u>to hurt a person's heart</u> R	/ <u>breaking his head</u> S
	(1) PSQR	(2) SRQP	(3) QPRS	(4) RQPS
26.			many do not have enough	
	P	Q	R	S
	(1) PSRQ	(2) PRSQ	(3) SPQR	(4) RQSP
		, -	•	ntences in this section has a
	-	•	_	the sentence. Select the word
		you consider th ne Answer Sheet		the blank space and indicate
	-		mpetitors felt completely	
27.	(1) cut up	on, some of the co (2) done in		(4) run out
	` '		107	1
28.				e decision of the management.
		(<mark>2) staging</mark>	_	
29.	Creative people a	are often	with their own u	niqueness.
	(1) obsessed	(2) derange	ed (3) unbalanced	(4) dissatisfied
30.	In the face of the	overwhelming ma	ss of evidence against him, we	e cannot him of the crime.
	(1) punish	(2) absolve	(3) release	(4) ignore
DIR	(1) punish ECTIONS: (Que	(2) absolve	(3) release	(4) ignore iven below are words spelt in
DIR	(1) punish ECTIONS: (Que different ways. (1) accquaintance	(2) absolve estions. 31-35) In Choose the opt	(3) release n each of the questions grion that gives the correct ntance (3) acquaintance	(4) ignore iven below are words spelt in a spelling of the word. (4) acquaintence
DIR four	(1) punish ECTIONS: (Que different ways	(2) absolve estions. 31-35) In . Choose the opt	(3) release n each of the questions grion that gives the correct ntance (3) acquaintance	(4) ignore iven below are words spelt in a spelling of the word.
DIR four	(1) punish ECTIONS: (Que different ways) (1) accquaintance (1) chauffur (1) sanctuaries	(2) absolve estions. 31-35) In Choose the opt (2) acquian (2) chouffe (2) sanctur	(3) release n each of the questions grion that gives the correct ntance (3) acquaintance (3) chauffeur ries (3) santuaries	(4) ignore iven below are words spelt in a spelling of the word. (4) acquaintence (4) chhaufeur (4) sanchuries
DIR four 31. 32.	(1) punish ECTIONS: (Que different ways) (1) accquaintance (1) chauffur	(2) absolve estions. 31-35) In Choose the opt (2) acquian (2) chouffe	(3) release n each of the questions grion that gives the correct ntance (3) acquaintance (3) chauffeur ries (3) santuaries	(4) ignore iven below are words spelt in a spelling of the word. (4) acquaintence (4) chhaufeur
DIR four 31. 32. 33.	(1) punish ECTIONS: (Que different ways) (1) accquaintance (1) chauffur (1) sanctuaries (1) diarhhiea (1) acclimatise	(2) absolve estions. 31-35) In Choose the optoe (2) acquiar (2) chouffe (2) sanctur (2) diarhhouse (2) acclamate	(3) release n each of the questions grion that gives the correct ntance (3) acquaintance (3) chauffeur ries (3) santuaries (3) diarrhoea (3) acllamatise	(4) ignore iven below are words spelt in a spelling of the word. (4) acquaintence (4) chhaufeur (4) sanchuries (4) dairrhoea (4) acclematise
DIR four 31. 32. 33. 34.	(1) punish ECTIONS: (Que different ways) (1) accquaintance (1) chauffur (1) sanctuaries (1) diarhhiea (1) acclimatise The chemical rea	(2) absolve estions. 31-35) In Choose the opto the (2) acquiant (2) chouffer (2) sanctur (2) diarhhouse (2) acclamatication in which end	(3) release n each of the questions grion that gives the correct ntance (3) acquaintance (3) chauffeur ries (3) santuaries (3) diarrhoea (3) acllamatise (3) acllamatise (3) acllamatise	(4) ignore iven below are words spelt in a spelling of the word. (4) acquaintence (4) chhaufeur (4) sanchuries (4) dairrhoea (4) acclematise
31. 32. 33. 34. 35.	(1) punish ECTIONS: (Que different ways) (1) accquaintance (1) chauffur (1) sanctuaries (1) diarhhiea (1) acclimatise	(2) absolve estions. 31-35) In Choose the opto the certain (2) acquiar (2) chouffer (2) sanctur (2) diarhhouse (2) acclamate the certain in which end Reaction	(3) release n each of the questions grion that gives the correct ntance (3) acquaintance (3) chauffeur ries (3) santuaries (3) diarrhoea (3) acllamatise	(4) ignore iven below are words spelt in a spelling of the word. (4) acquaintence (4) chhaufeur (4) sanchuries (4) dairrhoea (4) acclematise
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31. 32. 33. 34. 35. 36.	(1) punish ECTIONS: (Que different ways (1) accquaintanc (1) chauffur (1) sanctuaries (1) diarhhiea (1) acclimatise The chemical rea (1) Endothermic (2) Redox React Which organ is t (1) Large Intesti Consider the foll 1. The magnitud the straight cond 2. The magnetic it increases.	(2) absolve estions. 31-35) In Choose the opto the (2) acquiar (2) chouffer (2) sanctur (2) diarhhouse (2) acclamate the longest part of the longest part of the magnetic fluctor increases. field produced by	(3) release n each of the questions grion that gives the correct ntance (3) acquaintance (3) chauffeur ries (3) santuaries (3) diarrhoea atise (3) acllamatise ergy is absorbed is known as: (3) Exothermic (4) Displacement the Alimentary Canal? ntestine (3) Oesophagus field produced at a given point	(4) ignore iven below are words spelt in a spelling of the word. (4) acquaintence (4) chhaufeur (4) sanchuries (4) dairrhoea (4) acclematise Reaction at Reaction (4) Stomach thincreases as the current through

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39.	If an object is placed a	t infinity from a convex	mirror, then the image	e will be:
	(1) Virtual and Erect		(3) Real and Inverted	
	(2) Virtual and Invert	ed	(4) Real and Erect	
40.	Reaction between an a	cid and a base to give a	salt and water is know	n as:
	(1) Neutralisation	(2) Acidification	(3) Oxidation	(4) Reduction
41.	What is the function of	f the Pituitary Gland?		
		and salt levels in the bo	•	tiate metabolism in the body.
	(3) To develop sex org	gans in males.	(4) To stin	mulate growth in all organs.
42.	Which hormone does	females menstrual cycle	e depends upon?	
	(1) Growth Hormone	(2) Oestrogen	(3) Testosterone	(4) Adrenalin
43.	An age-related condition reduced lens flexibility		akening of ciliary muscl	les, hardening of the lens and
	(1) Hypernatremia	(2) Cataract	(3) Myopia	(4) Presbyopia
44.	The non-metals are eit	ther solids or gases exce	ept:	
	(1) Bromine	(2) Iodine	(3) Carbon	(4) Oxygen
45.	Carbohydrates which a	are not used immediate	ly by plants are stored i	n the form of:
	(1) Protein	(2) Starch	(3) Carbohydrate	(4) None of the above
46.	The reproductive parts	s of a flower are:		
	(1) Sepals and Petals	(2) Stamens and Pisti	l (3) Sepals and Pistil	(4) Stamens and Petals
47.	Electric fuse in a circu	it prevents damage to:		
	(1) Appliances only		(3) Circuit only	
	(2) Both appliances ar	<mark>nd circuit</mark>	(4) None of the above	
48.	Which gas is filled in t	he packets to prevent th	ne potato chips from get	tting oxidised?
	(1) Oxygen	(2) Nitrogen	(3) Carbon dioxide	(4) Hydrogen
49.	The enzyme in saliva t	hat breaks down starch	to give simple sugar is	known as:
	(1) Salivary Amylase	(2) Starch	(3) Lipids	(4) Bile Juice
50.	Consider the following			
	C		mospheric refraction of	C
		ore me actual sumse, and at(s) given above is/are		ause of atmospheric reflection.
	(1) 1 only	(2) 2 only	(3) Both 1 and 2	(4) Neither 1 nor 2
		•		(4) Neither 1 hor 2
51.	(1) Maharashtra	owing Indian states has (2) Madhya Pradesh	(3) Rajasthan	(4) Uttar Pradesh
	, ,	•	, and a second s	(4) Uttai Flauesii
52.	Which is the most wid (1) Black Soil	ely spread soil in north (2) Alluvial Soil	ern plains of India? (3) Red Soil	(4) Laterite Soil
50	, ,		107	ite from which country?
53.	(1) India	(2) China	(3) Japan	(4) Korea
54.	, ,	ld the G-20 Presidency		ND
97.	(1) Germany	(2) Japan	(3) Brazil	(4) France
55.	•		nittee to prepare a draft	
55.	(1) Jawaharlal Nehru	G	(3) BR Ambedkar	(4) Rajendra Prasad
	, , , , , , , , , , , , , , , , , , , ,	, ,	(3)	(1)

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56.	Select the country from	m the following through	which Prime Meridian	does not pass through.
	(1) Morocco	(2) Spain	(3) Algeria	(4) Republic of Mali
57.		llowing types of vegetat	_	
	(1) Tundra	(2) Himalayan	(3) Tidal	(4) Tropical Evergreen
58.	-	_ ,		g world to the best sustained
				d awarded to which author?
	(1) Jumpa Lahiri	(2) Vikram Seth	(3) Paul Lynch	(4) William Dalrymple
59.	Which is the largest pe	eninsular river in India	:	
	(1) Narmada	(2) Krishna	(3) Tapi	(4) Godavari
60.	The Mughal Emperor		granted 'Diwani	Rights' of Bengal, Bihar and
	Orissa to East India C	ompany after being defe	eated in Battle of Buxar	in year 1765.
	(1) Shuja-Ud-Daulah	(2) Shah Alam II	(3) Bahadur Shah II	(4) Shah Jahan II
61.	Which mode of transp	ortation reduces trans-	shipment losses and del	lays?
	(1) Railways	(2) Pipeline	(3) Roadways	(4) Waterways
62.	Who was awarded Dao	da Sahib Phalke India's l	highest award in the fiel	d of cinema for the year 2021
	at the 69th National F	ilm Awards ceremony,	exemplifying 'strength o	of Bharatiya Nari'?
	(1) Asha Parikh	(0)	<mark>eda Rehman</mark>	
	(2) Lata Mangeshkar	(4) Rekha	L	
63.		of the western coast of I	ndia sandwiched betwe	en Arabian sea and Western
	Ghats is referred as:			
	(1) Konkan	(2) Malabar	(3) Coromandel	(4) Kannad
64.	Spring Tides are the ti	des which occur after a	new moon or full moon	, when
	(1) Only Sun in line w		(3) Only Moon in line	
	(2) Moon and Sun in	line with Earth.	(4) None of the above	. .
65.	Asiatic Cheetah is a:			
	(1) Normal Species	(2) Extinct Species	(3) Endemic Species	(4) Rare Species
66.		of Khilafat Movement?)	
	(1) To seek financial a	_		
	* *	ı-Muslim relationship.	ion for Muslims	
		ess about a separate nat stige and the power of t		
67.	Which one is a Rabi ca	•		
٥,٠	(1) Wheat	(2) Bajra	(3) Maize	(4) Rice
68.	Which gas is most abu	ındant in air?		
	(1) Oxygen	(2) Argon	(3) Nitrogen	(4) Carbon Dioxide
69.	Under which of the fo	llowing type of resource	es can tidal energy be pu	ıt:
•	(1) Renewal	(2) Flow	(3) Biotic	(4) Non-renewable
70.	Mahatma Gandhi retu	rned to India from Sou	th Africa in which Year?)
,	(1) 1910	(2) 1915	(3) 1917	(4) 1921

------End of Section-I-----

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SECTION II: MATHEMATICS

(55 Questions – 220 Marks; Minimum 55 Marks to Qualify; **Minus 1** Mark for every wrong Answer)

71.		lar triangles are 121 cm en corresponding media	•	ely. If the median of the first is:
	(1) 11 cm	(2) 8.8 cm	(3) 11.1 cm	(4) 8.1 cm
72.		ny one day as on anoth	· · · · · · · · · · · · · · · · · · ·	Friday). Each is equally likely they both visit the office on
	(1) $\frac{11}{25}$	$(2) \frac{8}{25}$	(3) $\frac{7}{25}$	$(4) \frac{9}{25}$
73.	If points A (a ² , o), B	$(0, b^2)$ and $C(1, 1)$ as	re collinear , then :	
	(1) $(1/a^2) + (1/b^2) = 1$	(2) $(1/a) + (1/b) = 1$	(3) $a^2 + b^2 = 1$	(4) $(1/a^2) + (1/b^2) = 2$
74.	The diameter of a sph of the wire is:	ere is 6 cm. It is melted	and drawn into wire o	f diameter 2 mm. The length
	(1) 36 m	(2) 32 m	(3) 38 m	(4) 34 m
75.	The positive value of k	for which the equation x	$x^2 + kx + 64 = 0$ and $x^2 - 4$	8x + k = 0 will both have real
	roots, is:	(a) 0	(a) 10	(1) 16
- 6	(1) 4	(2) 8	(3) 12	(4) 16
76.	If $\sin \theta + \cos \theta = \sqrt{2}$, to (1) 1	hen tan θ + cot θ = $\frac{(2)}{2}$	(3) 3	(4) 4
77.			(3) 3	(4) 4
//•	The decimal expansion	n of $\frac{1}{72 \times 175}$ is:		
	(1) Terminating (2) Non-terminating	and reneating	(3) Non-terminating(4) None of these	
78.				cm. The radius of the circle
,	inscribed in the triang		0	
	(1) 4 cm	(2) 3 cm	(3) 2 cm	(4) 1 cm
79.	If the mean of first n r	natural numbers is $\frac{5n}{9}$,	then $n =$	
	(1) 5	(2) 4	(3) 9	(4) 10
80.		one end of a diameter of coordinates of the other		the coordinates of its centre
	(1) (-6,7)	(2) (6, -7)	(3) (6,7)	(4) (-6, -7)
0.4				
81.		students is 25 kg. If on 27 kg. The weight of the	•	e group, the mean weight of
	(1) 25 kg	(2) 35 kg	(3) 45 kg	(4) 55 kg
82.	The sum of first 24 ter	rms of the A.P. sequence	e whose n th term is given	n by $a_n = 3 + \frac{2}{n}$ n is:
	(1) 270	(2) 272	(3) 382	(4) 384
83.	Mode is :		(0) 0	(1) 0-1
30.	(1) least frequent valu	ie	(3) middle most value	e
	(2) most frequent value		(4) none of these	
84.		me common difference. tween their 30 th term is		nese is 8 and that of the other
	(1) 11	(2) 3	(3) 8	(4) ₅

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85.	The perimeter of a tr	iangle is 30 π cm and the	he circumference of its	incircle is 88 cm. The area of
	(1) 70 cm ²	(2) 140 cm ²	(3) 660 cm ²	(4) 420 cm ²
86.	If the sum of the ages years is 50, then the a		in years is 65 and twice	the difference of their ages in
	(1) 40 years		(3) 55 years	(4) 65 years
87.	In △ ABC , right angle	ed at C, if tan A = 1, the	n value of 2 sin A cos A	is:
	(1) 1	(2) $\frac{1}{2}$	(3) 2	$(4) \frac{\sqrt{3}}{2}$
88.		scs, numbered 1 to 90. ars a prime number less		t random from their box, the
	-	-		8
	$(1) \frac{7}{90}$	(2) $\frac{10}{90}$	$(3) \frac{4}{45}$	$(4) \frac{8}{89}$
89.	The coordinates of th	e point P dividing the l	ine segment joining the	points A (1, 3) and B (4, 6)
	in the ratio 2:1 are:			
	(1) (2,4)		(3) (4,2)	
90.			d cylinder of equal radiu	is. If the height of the cylinder
	is 6 cm, then the heig	nt of the cone was : (2) 12 cm	(3) 18 cm	(4) 24 cm
01		of an A.P. respectively a		
91.	(1) - 3	(2) 4	(3) 5	(4) 2
92.		• • •		o 70. The probability that the
) 		number which is a mult		- , F
	$(1) \frac{1}{10}$	(2) $\frac{1}{70}$	(3) $\frac{6}{70}$	$(4) \frac{11}{35}$
93.	If the equation x ² - ax	x + 1 = 0 has two distinct	roots, then:	
	(1) lal=2	(2) lal<2	(3) <mark>lal>2</mark>	(4) None of these
94.	If the area of the sector	of a circle is $\frac{5}{18}$ of the are	ea of the circle, then the s	sector angle is equal to :
	(1) 60°	(2) 90°	(3) 100°	(4) 1200
95.	If sinα and cosα are	the roots of the equation	$ax^2 + bx + c = 0, then$	b ² =
	(1) a ² - 2ac	(2) $a^2 + 2ac$	(3) a ² - ac	(4) $a^2 + ac$
96.	$\tan \theta$ $\tan \theta$			
, , ,	$\frac{\tan \theta}{\sec \theta - 1} + \frac{\tan \theta}{\sec \theta + 1}$ is	equal to:		
	(1) 2 tan θ	(2) 2 sec θ	(3) $\frac{2 \csc \theta}{2 + 1}$	(4) $2 \tan \theta \sec \theta$
97.	The smallest irration	al number by which $\sqrt{18}$	8 should be multiplied s	so as to get a rational number
	is:		_	
	(1) $\sqrt{18}$	(2) $\sqrt{2}$	(3) $2\sqrt{2}$	(4) 2
98.		-	circle, of radius 3 cm , is	s 4 cm. The distance of A from
	the centre of the circl (1) $\sqrt{7}$ cm	e is: (2) 7 cm	(3) 5 cm	(4) 25 cm
99.	(1) 2	(2) 1.5	36, 37, 38, 39, 40, III (3) 1	nen the median increases by: (4) 0.5
100.		$\frac{(2)^{1.3}}{\text{f a series }\sqrt{2}+\sqrt{8}+\sqrt{18}}$		N-17
100.	(1) $\frac{n(n+1)}{2}$			
	(1) $\frac{}{}$	(2) 2n (n+1)	(3) $\frac{n(n+1)}{\sqrt{2}}$	(4) 1

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101.	-	-	_	150 m high tower is 30°. The
		om the tower (in meters		
	(1) 50 √ 3	(2) $150\sqrt{3}$	(3) 150 √ 2	(4) 75
102.	If $-\frac{1}{2}$ is a root of the	equation $x^2 - k x - \frac{5}{4}$ the	en the value of <i>k</i> is :	
	(1) - 2	(0) 0	1	$(4) \frac{1}{2}$
	(1) - 2	(2) 2	(3) $\frac{1}{4}$	$(4)\frac{-}{2}$
103.		_		5 mm in diameter. How long
	_	conical vessel whose di		
	(1) 48 min 15 sec	(2) 51 min 12 sec	(3) 52 min 1 sec	(4) 55 min
104.	•	nd ₹ 2 coms with her. If th her is ₹ 75, then the r		ins that she has is 50 and the
	(1) 35 and 15	(2) 35 and 20		(4) 25 and 25
			(5) 15 and 55	(4) 2) und 2)
105.	9 sec ² A – 9 tan ² A is	equal to : (2) 9	(3) 8	(4) 0
10(` `			
106.	reversed. The number	_	s 9. 11 27 is added to it,	the digits of the number get
	(1) 25	(2) 72	(3) 63	(4) 36
107.				
107.	**	then $\tan \theta$ is equal to :		
	$(1) \frac{b}{\sqrt{2+1/3}}$	(2) $\frac{b}{\sqrt{h^2-a^2}}$	(3) $\frac{a}{\sqrt{a^2+a^2}}$	$\frac{a}{\sqrt{h^2-a^2}}$
	Va 1 B	VB U	Vu B	$\sqrt{b^2-a^2}$
108.			ckets carry prize. If Pri	ya purchased a ticket, what is
	the probability of Pri	ya willillig a prizer		
	19	1	1	17
	$(1) \frac{19}{20}$	(2) $\frac{1}{25}$	$(3) \frac{1}{20}$	$(4) \frac{17}{20}$
109.	_ = 0	(2) $\frac{1}{25}$ en the points (4, p) an	20	$(4) \frac{17}{20}$
109.	If the distance betwe $(1) \pm 4$	en the points (4, p) an (2) 4	d(1,0) is 5, then $p = (3) - 4$	(4) 0
109. 110.	If the distance betwe (1) ± 4 A solid is hemispher	en the points (4, p) an (2) 4 ical at the bottom and c	d(1,0) is 5, then $p =$ (3) -4 conical above. If the sur	
	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio	en the points (4, p) an (2) 4 ical at the bottom and coof its radius and height	d (1,0) is 5, then $p =$ (3) - 4 conical above. If the sur of its conical part is:	(4) 0 face area of the two parts are
110.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1: \sqrt{2}$	en the points $(4, p)$ and (2) 4 ical at the bottom and 0 of its radius and height (2) $\sqrt{2}$: 1	d (1,0) is 5, then $p = (3) - 4$ conical above. If the sur of its conical part is: (3) 1: $\sqrt{3}$	(4) 0 face area of the two parts are (4) $\sqrt{3}$:1
	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1:\sqrt{2}$ If the sum and produ	en the points $(4, p)$ and (2) 4 ical at the bottom and co of its radius and height (2) $\sqrt{2}$: 1	d (1,0) is 5, then $p =$ (3) - 4 conical above. If the sur of its conical part is: (3) 1: $\sqrt{3}$ uation $kx^2 + 6x + 4k = 0$	(4) 0 face area of the two parts are (4) $\sqrt{3}$: 1 are equal, then k is:
110.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1: \sqrt{2}$	en the points $(4, p)$ and (2) 4 ical at the bottom and 0 of its radius and height (2) $\sqrt{2}$: 1	d (1,0) is 5, then $p = (3) - 4$ conical above. If the sur of its conical part is: (3) 1: $\sqrt{3}$	(4) 0 face area of the two parts are (4) $\sqrt{3}$:1
110.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1:\sqrt{2}$ If the sum and produce (1) $-\frac{3}{2}$	en the points (4, p) and (2) 4 ical at the bottom and confits radius and height (2) $\sqrt{2}$: 1 let of the roots of the equation (2) $\frac{3}{2}$	d (1,0) is 5, then $p =$ (3) - 4 conical above. If the sure of its conical part is: (3) 1: $\sqrt{3}$ uation $kx^2 + 6x + 4k = 0$ (3) $\frac{2}{3}$	(4) 0 face area of the two parts are (4) $\sqrt{3}$: 1 are equal, then k is: (4) $-\frac{2}{3}$
110.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1:\sqrt{2}$ If the sum and produce (1) $-\frac{3}{2}$ The value of the expression of the expressio	en the points $(4, p)$ and (2) 4 ical at the bottom and co of its radius and height (2) $\sqrt{2}$: 1	d (1,0) is 5, then $p =$ (3) - 4 conical above. If the sure of its conical part is: (3) 1: $\sqrt{3}$ uation $kx^2 + 6x + 4k = 0$ (3) $\frac{2}{3}$	(4) 0 face area of the two parts are (4) $\sqrt{3}$: 1 are equal, then k is: (4) $-\frac{2}{3}$
110.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1:\sqrt{2}$ If the sum and produce (1) $-\frac{3}{2}$ The value of the expression of the expressio	en the points (4, p) and (2) 4 ical at the bottom and coordinate and height (2) $\sqrt{2}$: 1 ict of the roots of the equation $\frac{3}{2}$ ression $\frac{\sec^2 54^\circ - \cot^2 36^\circ}{\csc^2 57^\circ - \tan^2 36^\circ}$	d (1,0) is 5, then $p =$ (3) -4 conical above. If the surrof its conical part is: (3) 1: $\sqrt{3}$ cuation $kx^2 + 6x + 4k = 0$ (3) $\frac{2}{3}$ $\frac{2}{3}$ $\frac{2}{3}$ $\frac{2}{3}$ $\frac{2}{3}$	(4) 0 face area of the two parts are (4) $\sqrt{3}$: 1 are equal, then k is: (4) $-\frac{2}{3}$ - $\sin^2 45^\circ$ is:
110. 111. 112.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1:\sqrt{2}$ If the sum and product $\frac{3}{2}$ The value of the expression $\frac{5}{2}$	en the points (4, p) and (2) 4 ical at the bottom and coordinate of its radius and height (2) $\sqrt{2}$: 1 ict of the roots of the equation $\frac{3}{2}$ ression $\frac{\sec^2 54^\circ - \cot^2 36^\circ}{\csc^2 57^\circ - \tan^2 36^\circ}$ (2) $\frac{3}{2}$	d (1,0) is 5, then $p = (3) - 4$ conical above. If the sure of its conical part is: $(3) 1: \sqrt{3}$ $(3) \frac{2}{3}$ $(3) \frac{2}{3}$ $(3) \frac{2}{3}$ $(3) 2$	(4) o face area of the two parts are (4) $\sqrt{3}$: 1 are equal, then k is: (4) $-\frac{2}{3}$ - $\sin^2 45^\circ$ is: (4) $\frac{7}{2}$
110.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1:\sqrt{2}$ If the sum and production $\frac{3}{2}$ The value of the expression $\frac{5}{2}$ If one zero of the quarter $\frac{5}{2}$	en the points (4, p) and (2) 4 ical at the bottom and confits radius and height (2) $\sqrt{2}$: 1 ict of the roots of the equation $\frac{3}{2}$ ression $\frac{\sec^2 54^\circ - \cot^2 36}{\csc^2 57^\circ - \tan^2 3}$ (2) $\frac{3}{2}$ indicate polynomial $x^2 + 3$	d (1,0) is 5, then $p =$ (3) - 4 conical above. If the surrof its conical part is: (3) 1: $\sqrt{3}$ uation $kx^2 + 6x + 4k = 0$ (3) $\frac{2}{3}$ (3) $\frac{2}{3}$ (3) 2 (3) 2 (3) 2	(4) 0 face area of the two parts are (4) $\sqrt{3}$: 1 are equal, then k is: (4) $-\frac{2}{3}$ - $\sin^2 45^\circ$ is: (4) $\frac{7}{2}$ the of k is:
110. 111. 112.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1:\sqrt{2}$ If the sum and product $\frac{3}{2}$ The value of the expression $\frac{5}{2}$	en the points (4, p) and (2) 4 ical at the bottom and coordinate of its radius and height (2) $\sqrt{2}$: 1 ict of the roots of the equation $\frac{3}{2}$ ression $\frac{\sec^2 54^\circ - \cot^2 36^\circ}{\csc^2 57^\circ - \tan^2 36^\circ}$ (2) $\frac{3}{2}$	d (1,0) is 5, then $p = (3) - 4$ conical above. If the sure of its conical part is: $(3) 1: \sqrt{3}$ $(3) \frac{2}{3}$ $(3) \frac{2}{3}$ $(3) \frac{2}{3}$ $(3) 2$	(4) o face area of the two parts are (4) $\sqrt{3}$: 1 are equal, then k is: (4) $-\frac{2}{3}$ - $\sin^2 45^\circ$ is: (4) $\frac{7}{2}$
110. 111. 112.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1:\sqrt{2}$ If the sum and production $\frac{3}{2}$ The value of the expression $\frac{5}{2}$ If one zero of the qual (1) 10	en the points (4, p) and (2) 4 ical at the bottom and confits radius and height (2) $\sqrt{2}$: 1 act of the roots of the equation $\frac{3}{2}$ ression $\frac{\sec^2 54^\circ - \cot^2 36}{\csc^2 57^\circ - \tan^2 3}$ (2) $\frac{3}{2}$ adratic polynomial $x^2 + 3$ (2) -10	d (1,0) is 5, then $p = (3) - 4$ conical above. If the surrof its conical part is: (3) 1: $\sqrt{3}$ nation $kx^2 + 6x + 4k = 0$ (3) $\frac{2}{3}$ (3) $\frac{2}{3}$ (3) 2 (3) 2 (3) 5 (3) 5	(4) 0 face area of the two parts are (4) $\sqrt{3}$: 1 are equal, then k is: (4) $-\frac{2}{3}$ - $\sin^2 45^\circ$ is: (4) $\frac{7}{2}$ the of k is:
110. 111. 112.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1:\sqrt{2}$ If the sum and production $\frac{3}{2}$ The value of the expression $\frac{5}{2}$ If one zero of the qual (1) 10	en the points (4, p) and (2) 4 ical at the bottom and confits radius and height (2) $\sqrt{2}$: 1 ict of the roots of the equation of the equat	d (1,0) is 5, then $p =$ (3) -4 conical above. If the surrof its conical part is: (3) 1: $\sqrt{3}$ cuation $kx^2 + 6x + 4k = 0$ (3) $\frac{2}{3}$ (3) $\frac{2}{3}$ (3) 2 (3) 2 (3) 5 (3) 5 (4) 2 (5) 4 4 5 5 6 7 (6) 5 7 (7) 6 7 (8) 7 (9) 8 7 (9) 8 7 (9) 9 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 8 8 7 (9) 9 9 8 7 (9) 9 8 8 7 (9) 9 8 7 (9) 9 8 7 (9) 9 8 7 (9) 9 8 7 (9) 9 9 8 7 (9) 9 9 8 (9) 9 9 8 (9) 9 9 9 8 (9) 9 9 9 9 (9) 9 9 9 (9) 9 9 9 (9) 9 9 9 (9) 9 9 9 (9) 9 9 9 (9) 9 9 9 (9) 9	(4) 0 face area of the two parts are (4) $\sqrt{3}$: 1 are equal, then k is: (4) $-\frac{2}{3}$ - $\sin^2 45^\circ$ is: (4) $\frac{7}{2}$ te of k is: (4) -5
110. 111. 112. 113.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1:\sqrt{2}$ If the sum and production $\frac{3}{2}$ The value of the expression $\frac{5}{2}$ If one zero of the qual (1) 10 If $\cos A + \cos^2 A = 1$, (1) -1	en the points (4, p) and (2) 4 ical at the bottom and confits radius and height (2) $\sqrt{2}$: 1 ict of the roots of the equation of the equat	d (1,0) is 5, then $p = (3) - 4$ conical above. If the surrof its conical part is: (3) 1: $\sqrt{3}$ cuation $kx^2 + 6x + 4k = 0$ (3) $\frac{2}{3}$ (3) $\frac{2}{3}$ (3) 2 (3) 2 (3) 5 (3) 5 (4) 2 (5) 4 4 5 5 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	(4) 0 face area of the two parts are (4) $\sqrt{3}$: 1 are equal, then k is: (4) $-\frac{2}{3}$ - $\sin^2 45^\circ$ is: (4) $\frac{7}{2}$ the of k is:
110. 111. 112.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1:\sqrt{2}$ If the sum and production $\frac{3}{2}$ The value of the expression $\frac{5}{2}$ If one zero of the qual (1) 10 If $\cos A + \cos^2 A = 1$, (1) -1 For any natural numbers	en the points (4, p) and (2) 4 ical at the bottom and confits radius and height (2) $\sqrt{2}$: 1 ict of the roots of the equation of the equation $\frac{3}{2}$ ression $\frac{\sec^2 54^\circ - \cot^2 36^\circ}{\csc^2 57^\circ - \tan^2 36^\circ}$ idratic polynomial $x^2 + 36^\circ$ idratic polynomial $x^2 + 36^\circ$ then $\sin^2 A + \sin^4 A$ is equation of the equation $\sin^2 A + \sin^4 A$ is equation of the equation $\sin^2 A + \sin^4 A$ is equation of the equation $\cos^2 A + \sin^4 A$ is equation of the equation $\cos^2 A + \sin^4 A$ is equation $\cos^2 A + \cos^2 A + \cos^$	d (1,0) is 5, then $p =$ (3) - 4 conical above. If the surrof its conical part is: (3) 1: $\sqrt{3}$ cuation $kx^2 + 6x + 4k = 0$ (3) $\frac{2}{3}$ (3) $\frac{2}{3}$ (3) 2 (3) 2 (3) 2 (3) 5 (3) 5 (4) 1 (5) 4 (6) 1 (7) 1 (8) 4 (9) 1 (9) 1 (9) 1 (10) 1 (10) 1 (11) 1 (11) 1 (12) 1 (13) 1 (13) 1 (14) 1 (15) 1 (15) 1 (16) 1 (17) 1 (17) 1 (17) 1 (18) 1	(4) o face area of the two parts are (4) $\sqrt{3}$: 1 are equal, then k is: (4) $-\frac{2}{3}$ - $\sin^2 45^\circ$ is: (4) $\frac{7}{2}$ are of k is: (4) -5
110. 111. 112. 113.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1:\sqrt{2}$ If the sum and production $\frac{3}{2}$ The value of the expression $\frac{5}{2}$ If one zero of the qual (1) 10 If $\cos A + \cos^2 A = 1$, (1) -1 For any natural num (1) 16	en the points (4, p) and (2) 4 ical at the bottom and confits radius and height (2) $\sqrt{2}$: 1 ict of the roots of the equation of the roots of the equation	d (1,0) is 5, then $p = (3) - 4$ conical above. If the surrof its conical part is: (3) 1: $\sqrt{3}$ cuation $kx^2 + 6x + 4k = 0$ (3) $\frac{2}{3}$ (3) $\frac{2}{3}$ (3) 2 (3) 2 (3) 2 (3) 5 (4) 2 (5) 4 4 5 5 6 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	(4) 0 face area of the two parts are (4) $\sqrt{3}$: 1 are equal, then k is: (4) $-\frac{2}{3}$ - $\sin^2 45^\circ$ is: (4) $\frac{7}{2}$ the of k is: (4) -5
110. 111. 112. 113.	If the distance betwe (1) ± 4 A solid is hemispher equal, then the ratio (1) $1:\sqrt{2}$ If the sum and production $\frac{3}{2}$ The value of the expression $\frac{5}{2}$ If one zero of the qual (1) 10 If $\cos A + \cos^2 A = 1$, (1) -1 For any natural num (1) 16	en the points (4, p) and (2) 4 ical at the bottom and confits radius and height (2) $\sqrt{2}$: 1 ict of the roots of the equation of the equation $\frac{3}{2}$ ression $\frac{\sec^2 54^\circ - \cot^2 36^\circ}{\csc^2 57^\circ - \tan^2 36^\circ}$ idratic polynomial $x^2 + 36^\circ$ idratic polynomial $x^2 + 36^\circ$ then $\sin^2 A + \sin^4 A$ is equation of the equation $\sin^2 A + \sin^4 A$ is equation of the equation $\sin^2 A + \sin^4 A$ is equation of the equation $\cos^2 A + \sin^4 A$ is equation of the equation $\cos^2 A + \sin^4 A$ is equation $\cos^2 A + \cos^2 A + \cos^$	d (1,0) is 5, then $p = (3) - 4$ conical above. If the surrof its conical part is: (3) 1: $\sqrt{3}$ cuation $kx^2 + 6x + 4k = 0$ (3) $\frac{2}{3}$ (3) $\frac{2}{3}$ (3) 2 (3) 2 (3) 2 (3) 5 (4) 2 (5) 4 4 5 5 6 7 7 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	(4) o face area of the two parts are (4) $\sqrt{3}$: 1 are equal, then k is: (4) $-\frac{2}{3}$ - $\sin^2 45^\circ$ is: (4) $\frac{7}{2}$ are of k is: (4) -5

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117.	Three bells ring at i	ntervals of 4, 7 and 14	minutes. All the three ra	ang at 6 AM. When will they ring
	together again?			
	(1) 6:07 AM	(2) 6:14 AM	(3) 6: 28 AM	(4) 6:25 AM
118.	A vertical stick 20 n	n long casts a shadow 1	o m long on the ground	. At the same time , a tower casts
	a shadow 50 m long	g on the ground . The h	neight of the tower is:	
	(1) 100m	(2) 120m	(3) 25m	(4) 200m
119.	The median of the o	lata:6,7,x-2,x,17	, 20, written in ascend	ing order is 16. Then x =
	(1) 15	(2) 16	(3) 17	(4) 18
120.	The 9 th term of an A	A.P. is 449 and 449 th te	erm is 9. The term which	n is equal to zero is :
	(1) 501 th	(2) 502 th	(3) 458 th	(4) None of these
121.	_	_		e other. If from the middle point
				elevations of their tops to be
	complementary, the	en the height of the sm	aller is ·	
	_			
	_		(3) $\frac{a}{\sqrt{2}}$ meter	(4) 2a meter
122.	(1) √2a meter	(2) $\frac{a}{2\sqrt{2}}$ meter	(3) $\frac{a}{\sqrt{2}}$ meter	
122.	(1) √2a meter	(2) $\frac{a}{2\sqrt{2}}$ meter	(3) $\frac{a}{\sqrt{2}}$ meter	(4) 2a meter st ₹ 6,450. The cost of each chair
122.	(1) √2a meter 8 chairs and 5 tables will be:	(2) $\frac{a}{2\sqrt{2}}$ meters $\cos t \approx 10,500/-$, while	(3) $\frac{a}{\sqrt{2}}$ meter	st ₹ 6,450. The cost of each chair
122.	 (1) √2a meter 8 chairs and 5 tables will be: (1) ₹ 750 	(2) $\frac{a}{2\sqrt{2}}$ meters $cost \neq 10,500/-$, while $cost \neq 600$	(3) $\frac{a}{\sqrt{2}}$ meter e 5 chairs and 3 tables co (3) $\stackrel{?}{=}$ 850	st ₹ 6,450. The cost of each chair
	(1) √2a meter 8 chairs and 5 tables will be: (1) ₹ 750 The area of four wa area of ceiling?	(2) $\frac{a}{2\sqrt{2}}$ meter s cost ₹ 10,500/-, while (2) ₹ 600 alls of a room is 330 m	(3) $\frac{a}{\sqrt{2}}$ meter e 5 chairs and 3 tables co (3) $\stackrel{?}{=}$ 850 e and length is twice the	st ₹ 6,450. The cost of each chair (4) ₹ 900 e width, height being 11 m. Find
	(1) √2a meter 8 chairs and 5 tables will be: (1) ₹ 750 The area of four waarea of ceiling? (1) 50 m²	(2) $\frac{a}{2\sqrt{2}}$ meters s cost ₹ 10,500/-, while (2) ₹ 600 alls of a room is 330 m (2) 65 m ²	(3) $\frac{a}{\sqrt{2}}$ meter e 5 chairs and 3 tables co (3) $\stackrel{?}{=}$ 850 e and length is twice the (3) 70 m ²	st ₹ 6,450. The cost of each chair (4) ₹ 900 e width, height being 11 m. Find (4) 100 m²
	(1) √2a meter 8 chairs and 5 tables will be: (1) ₹ 750 The area of four wa area of ceiling? (1) 50 m² In a family of 3 chil	(2) $\frac{a}{2\sqrt{2}}$ meters s cost ₹ 10,500/-, while (2) ₹ 600 alls of a room is 330 m (2) 65 m ²	(3) $\frac{a}{\sqrt{2}}$ meter 2.5 chairs and 3 tables co (3) ₹ 850 2 and length is twice the (3) 70 m ² aving at least one boy is	st ₹ 6,450. The cost of each chair (4) ₹ 900 e width, height being 11 m. Find (4) 100 m²
123.	(1) √2a meter 8 chairs and 5 tables will be: (1) ₹ 750 The area of four wa area of ceiling? (1) 50 m² In a family of 3 chil	(2) $\frac{a}{2\sqrt{2}}$ meters s cost ₹ 10,500/-, while (2) ₹ 600 alls of a room is 330 m (2) 65 m ² dren, the probability h	(3) $\frac{a}{\sqrt{2}}$ meter 2.5 chairs and 3 tables co (3) ₹ 850 2 and length is twice the (3) 70 m ² aving at least one boy is	st ₹ 6,450. The cost of each chair (4) ₹ 900 e width, height being 11 m. Find (4) 100 m²
123.	(1) √2a meter 8 chairs and 5 tables will be: (1) ₹ 750 The area of four wa area of ceiling? (1) 50 m² In a family of 3 chill (1) 7/8	(2) $\frac{a}{2\sqrt{2}}$ meters s cost ₹ 10,500/-, while (2) ₹ 600 falls of a room is 330 m (2) 65 m ² dren, the probability h (2) $\frac{1}{8}$	(3) $\frac{a}{\sqrt{2}}$ meter 2.5 chairs and 3 tables co (3) ₹ 850 2 and length is twice the (3) 70 m ² aving at least one boy is (3) $\frac{5}{8}$	st ₹ 6,450. The cost of each chair (4) ₹ 900 e width, height being 11 m. Find (4) 100 m²
123.	(1) $\sqrt{2}$ a meter 8 chairs and 5 tables will be: (1) ₹ 750 The area of four wa area of ceiling? (1) 50 m² In a family of 3 chil (1) $\frac{7}{8}$ If $\sin \theta - \cos \theta = 0$	(2) $\frac{a}{2\sqrt{2}}$ meters $\cos x \approx 10,500/-$, while $\cos x \approx 10,500/-$, then the value of $\sin x \approx 10,500/-$, then the value of $\sin x \approx 10,500/-$, then the value of $\sin x \approx 10,500/-$, then the value of $\sin x \approx 10,500/-$, then the value of $\sin x \approx 10,500/-$, then the value of $\sin x \approx 10,500/-$, then the value of $\sin x \approx 10,500/-$, then the value of $\sin x \approx 10,500/-$, then the value of $\sin x \approx 10,500/-$	(3) $\frac{a}{\sqrt{2}}$ meter 2.5 chairs and 3 tables co (3) ₹ 850 2 and length is twice the (3) 70 m ² aving at least one boy is (3) $\frac{5}{8}$ $\theta + \cos^6 \theta$ is :	st ₹ 6,450. The cost of each chair (4) ₹ 900 e width, height being 11 m. Find (4) 100 m²
123.	(1) √2a meter 8 chairs and 5 tables will be: (1) ₹ 750 The area of four wa area of ceiling? (1) 50 m² In a family of 3 chill (1) 7/8	(2) $\frac{a}{2\sqrt{2}}$ meters s cost ₹ 10,500/-, while (2) ₹ 600 falls of a room is 330 m (2) 65 m ² dren, the probability h (2) $\frac{1}{8}$	(3) $\frac{a}{\sqrt{2}}$ meter 2.5 chairs and 3 tables co (3) ₹ 850 2 and length is twice the (3) 70 m ² aving at least one boy is (3) $\frac{5}{8}$	st ₹ 6,450. The cost of each chair (4) ₹ 900 e width, height being 11 m. Find (4) 100 m²

-----End of Section-II-----

Space for Rough Work

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