Eufreyment officer

# DO NOT BREAK THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO

# **OUESTION BOOKLET**

**SERIES IV** 

Subjects: General English, General Knowledge & Aptitude, Mathematics

BOOKLET SERIAL NO. For Solved question paper visit Megeducations.com

Marks: 300 Time: 21/2 hours

Read the following instructions carefully before you begin to answer the questions.

### INSTRUCTIONS TO CANDIDATES

This booklet contains 150 questions to be answered in a separate OMR Answer Sheet using Black Ball Pen in following three parts:

Part-A-General English: 50 questions, Part-B-General Knowledge & Aptitude: 50 questions,

Part-C-Mathematics: 50 questions

- All Questions are compulsory.
- You will be supplied the Answer sheet separately by the invigilator. You must complete the details of particulars asked for.
- Answers must be shown by completely blackening the corresponding circles in the Answer Sheet against the relevant question number by Black Ball Pen. OMR Answer Sheet without marking series/ double series marking shall not be evaluated.

#### Example:

Supposing the following question is asked:-

#### The Capital of Meghalaya is-

- A. Guwahati
- B. Kohima
- C. Shillong
- D. Delhi

You will have four alternatives in the Answer Sheet for your response corresponding to each question of the Question Booklet as below:-

In the above illustration, if your chosen response is alternative Ci.e. Shillong, then the same should be marked on the Answer Sheet by blackening the relevant circle with a Black Ball Point Pen only as below:-

# WHICH IS THE ONLY CORRECT METHOD OF ANSWERING

- 5. Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any one question.
- 6. There will NOT be any negative marking for wrong answers.
- The Answer Sheet must be handed over to the invigilator before you leave the Examination Hall.
- No rough work is to be done on the Answer Sheet. Space for rough work has been provided in the question booklet.

201500

For Solved question paper, visit Megeducations.com

# PART - A - GENERAL ENGLISH

# Marks :100

Each question carries 2 marks:	b) He pleaded his pocket money.	father to please increase my
Directions : Select the correct sente	He requested his money.	s father to increase his pocket
1. A) After the picnic, we had lots of breads b) After the picnic we had lot of breads		o increase his pocket money.
c) After the picnic we had lot of bread led) After the picnic, we had lots of breads	eft. Directions : Se	lect the word closest in m) to the word given :
2. a) I did my work quick. For Sc	olved question purpospuvisit	1) I
by I did my work very quick. Megeo c) I did my work quickly. d) None of the above	ducations.com Impious	b) Impressive d) Disturbing
d) None of the above	9. Deliberately	
<ul><li>3. a) I am ready to say this at her face.</li><li>b) I am ready to say this on her face.</li></ul>	a) Spontaneously  a) Intentionally	b) Inadvertently d) Naturally
A) I am ready to say this in her face. d) I am ready to say this to her face.	Directions : Cho	oose the correct option :
4. The villagers were enjoying winter e around the fire.	evening 10. India is commo co-existence.	itted a policy of peaceful
x b) The villagers were enjoying winter e	evening a) Of	b) To
around fire.	c) With	d) For
<ul><li>c) The villagers were enjoying winter enjoying winter</li></ul>	11. I congratulate	d my classmates pass-
all round fire.	a) For	b) With
an round me.	g) On	d) In
5. The team is confident to win the m		
(b) The team is confident of winning the	d as second of	father is a doctor, is my friend.
c) The team is confident to win match.	a) Which	b) Who
d) The team is confident for winning the		d) Whose
Directions: Which option best exp	resses 13. One must defe	end against bullies.
the given sentence in Indirect Speed	ch: a) Herself	b) Themselves
	Oneself	d) Ourselves
6. "Are you alone my son?" asked a sof		
close behind me.		ard, you a first class.
a) A soft voice asked that what I was doin		Will get
alone.	• c) Will be getting	d) Shall get
b) A soft voice said to me are you alone		
,c) A soft voice from my back asked if alone.	yesterday.	malaria since the day before
A soft voice behind me asked If I was	b) Have been suff	
7. He said to his father, "Please increase		
pocket money."	d) is suffering	
a) He told his father, "Please increase my money."	pocket  16. The thief and	the eye-witness

a Has escaped	b) Has been escaping	27. Not suitable fo	or eating
	d) Have escaped		b) Uneatable
c) ((a) (a) (a) (a) (a) (a) (a) (a) (a) (		Inedible	
17. The police held a	n inquiry the murder.	7)	a) Spicy
a) About	b) Into	28. The plants and	vegetation of a region
c) Over	d) Across		
c) over		c) Flora	b) Environment  d) Fauna
18 It is due to their		c) Flora	(r) rauna
10. It is due to then	lethargy that the plan fell	29. Occurring at n	ight
 a\ Thususala	X 04		
	ob) Out	a) Neurotic	b) Nocturnal
c) Away	. d) Apart	c) Dark	d) Nightly
10 We often go fish	ing the river bank	30 Study of the re	elation between an organism
a) Towards	ing the river bank. b) Inside Solved question	paper, visit,	tiation between an organism
	d) Around d)	and environment	h) C1
Along	a) Around	an Ecology	b) Geology
		c) Botany	• d) Entomology
20. his friends	speak any English.		
a) Neither of	×b) Some		ect the option closest in
a) Neither of Both of	d) None of these	meaning to the id	diom/phrase given :
21 Unfortunataly II	havetalent for music	31. Right hand ma	n
	ays wanted to be a famous	a) An honest perso	
	ays wanted to be a famous		
singer.	1/1:01	by Most efficient a	
a) A few	A) Little	c) One who cannot	
c) Plenty of	d) Few	d) A foolish person	
22. If were you I	be careful with my words.	32. To smell a rat	
	by Would	a) Signs of plague	enidemic
c) Shall	d) Should	b) Bad smell	opideniic
c) Shan	d) Should	Suspect foul dea	ling
22 The mother of	the dead child was over-	d) To be in a bad n	
		d) 10 00 m a bad n	nood
whelmed grief		33. To be hard up	
a) By		aldered Landblack Commercial Com-	Lo
c) From	d) For	a) To look depress	
		b) To keep starvati	
	ecessary this project	To act excitedly	
have not been met.		d) To be short of n	noney
a) Of completion			
b) For the complete	of	34. At the eleventh	hour
c) of complete		a) Too late	
d) For the completion	n of	b) Too early	
		c) Immediately	
Directions : Select	t the word that can be	d) At the last mom	ent
	given words/sentence :		
		Directions : Fill i	n the blanks with the cor-
25. Action that is li	kely to make people very	rect idiom/phrase	
angry			
• a) Inflationary	b) Inflammable	35. We'll be	to get this finished. It's 4pm
e) Commensurable	d) Inflammatory	so we only have an	
,		a) Working against	
26 A person who look	s at the bright side of things	b) At sea	
a) Cynic	b) Pessimist	c) Beating around	the hush
	d) Sycophant	d) Call it a day	me ousii
@ Optimist		u) Can it a day	
AEO-23	2		IV

36. I thought John was an idiot whe him just because of the way he d		Directions : Select th	e correctly spelt word:
- he is a really nice person.	ressed. Dut	45. a) Renumeration	と) Renumaration
a) Wear your heart on your sleeve		c) Renumertion	Remuneration
b) Read between the lines		c) icolumeration	* Remainer action
c) You don't judge a tree by it's fru	it	46. a) Parrallel	b) Parralel
dy You don't judge a book by it's co		c) Parallel	d) Paralel
of fou don't judge a book by it's co	over	Paraner	u) raiaici
37. All my brothers hold important		47. a) Beificial	b) Benificial
the government. I have not been as	successful.	c) Beneficial	d) Benifical
In fact I am			
a) As busy as a beaver		48. a) Adultarate	b) Adulterate
The black sheep of the family	r Solved auge	c) Adultrate tion paper, visit	d) Adulltrate
c) In the dog house	r Solved ques	tion paper, visit	
d) A white elephant	geducations.	meaning (antonym)	the word opposite in to the word given :
38. They did not want to reveal the	ir plants but		
he		• 49. Invalid	
a) Let sleeping dogs lie		a) Healthy	b) Recovering
b) Hit the bull's eye		(e) Sound	d) Deteriorating
c) Let the cat out of the bag			
d) Kill two birds with one stone		50. Considerate	
		Ignorant	b) Lazy
39. I know everything seems very	bad at the	c) Angry	d) Insensitive
moment but I'm sure som			
will come out of it.	0.0		
a) Ignorance is bliss			
b) Throw caution to the wind			
Every cloud has a silver lining			
d) Eat like a horse			
(a) =			
40. I tend to over most cont	roversial is-		
sues. I'm never sure which side of			
ment to support.	27 0170 0170		
a) Call a spade a spade			
b) Sit on the fence			
c) Play by the ear			
d) Black out			
a) buon out			
Directions: Select the wrongly	spelt word:		
41. a) Germinate b) Geomet	try		
. c) Generalise A Geniund	e		
42. a) Beneficiary b) Jewellry	v		
c) Military d) Literary			
<b>43.</b> a) Commission b) Omission	on		
Possession d) Occass			
44. a) Pronounciation b) Millenni	ium		
c) Occurrence d'Misspel			
A MARINE STATE OF THE STATE OF			

### PART - B - GENERAL KNOWLEDGE & APTITUDE

Marks: 100

### Each question carries 2 marks:

51. "Bombs and Pistols do not make revolution. The sword of revolution is sharpened on the whetting-stone of ideas". Who said this?

a) Azad

b) Bhagat Singh

c) Lala Lajpat Rai

d Mahatma Gandhi

• 52. Acid Rains are produced by

a) CO<sub>2</sub>, CO and SO<sub>2</sub>

b) Excess release of carbon monoxide by in-Megeducations.com<sub>59</sub>. 'Pusa decomposer' is related to which one

c) Excess NO, and SO, from burning fossil fu-

d) Ozone layer depletion

53. Which among the following international agencies publishes the 'ENERGY TRANSI-TION INDEX'?

a) The World Bank

b) The World Economic Forum

c) The International Energy agency

d) The International Monetary Fund

54. Which among the following was the first registered Trade Union of India?

a) Indian Trade Union Congress

Madras Labour Union

c) Hindu Mazdoor Sabha

d) Centre of Indian Trade Unions

• 55. The Universities of Calcutta, Bombay and Madras were established as the outcome of which of the following, often referred as Magnacarta of English Education in India?

a) Hunter Commission Report, 1882

b) Indian Universities Act, 1904

c) Hartog Committee, 1929

d) Sir Charleswood's Dispatch, 1854

**56.** Which one of the following is not related to United Nations?

a) Multilateral Investment guarantee agency

b) International finance corporation

c) International center for settlement of investment dispute

A Bank for International settlement

57. Who was first recipient of the Padma Shree

award from Meghalaya?

a) Patricia Mukhim

b) Manas Chaudhuri

c) Prof. Badaplin War

d) Silverine Swer

58. Point Calimere Wildlife Sanctuary is situated in which of the following State?

a) Haryana

b) Jammu and Kashmir

2 Tamil Nadu

For Solved question paper, visit

of the following?

a) Organic farming

& Stubble burning

c) Sugar Production

d) Soil reclamation

60. Three of the following four are alike in a certain way and hence form a group. Which one does not belong to the group?

a) Year

b) Month

c) Week

d) Time

61. Three of the following four are alike in a certain way and hence form a group. Which one does not belong to the group?

a) Pencil

b) Chalk

Note book

d) Crayon

62. Which of the following Organizations/Institutions launched the behaviour change campaign 'Navigating the New Normal' and its website to help people follow norms to contain the spread of Covid-19?

a) The NITI Aayog

b) The Finance Ministry

c) The International Monetary Fund

d) World Health Organisation

63. 'BHARAT GAURAV' Scheme is related

a) Infrastructure

b) Education

, c) Tourism

d) Women Safety

64. Which of the following is the objective of 'Nadu-Nedu' programme of Andhra Pradesh?

a) Transform Government schools to improve learning outcomes

b) Control the infant Mortality rate

c) Increase pupil-teacher ratio in government

		74. Allieu buys all	old scooler for RS.4700.0	00
65. 'DOSTI' trilate	eral coast guard exercise is	and then spends R	s.800,00 on its repair. If I	he
organized among		sells the scooter for	Rs.5800.00, the gain perce	nt
a) India, China and	South Korea	is		
b) Maldives, Sri La		a) 6.90%	6) 5.45%	
c) Bangladesh, Indi		c) 9.3%	d) 12.6%	
d) India, Banglades			-/	
a) maia, bangiaao		75. 'Much' is relate	d to 'Many' in the same wa	av
66. Istanbul conven	ation is related to	as 'Measure' is rela		
a) Anti-human traff		a) Calculate	b) Count	
b) Child Education	icking		d) Measurement	
b) Cinia Education	women and grand year ques	stion paper, visit	d) Woasuromone	
violence against	Megeducations	COM6 'Cho' is relate	ed to 'Mystery' in the san	na
lence				110
d) Poverty eradicat	ion	way as 'warning' is		
CT TO . (DAG	TDYKA EDZ.	a) Precaution	b) Disaster •	
	IPHAE' is related to	c) Dream	A) Danger	
a) Solar mission		## C 1 1 1 .	1 10 1 1	
b) Sky surveying pr			ed word from the given alte	
c) Higher education	n and the second		ETER: EARTHQUAKES	<b>:</b>
d) Women safety		THERMOMETER		
		a) Fever	b) Doctor	
68. Which of the	following country gave as-	c) Mercury	Ar Temperature	
sent to non-Muslim	civil marriage?			
a) Saudi Arabia	b) UAE		ed word from the given alte	er-
c) Pakistan	d) Oman	natives		
		PLAY: ACTOR:		
69. Bloemfontein is	the judicial capital of	a) Musician	b) Piano	
a) South Africa	•b) Denmark	c) Percussion	d) Symphony	
c) South Sudan	分) The Netherlands			
		79. Anjali says, "H	e is the only son of the fath	er
70. Delhi Declarati	ion refers to	of my sister's broth	her." How is that person i	re-
(a) Climate change	summit	lated to Anjali?		
	y Summit on Afghanistan	a) Brother	b) Father	
c) Initiative to curb		c) Uncle	d) Cousin	
	to eradicate domestic vio-			
lence		80. From the given	alternative words, select t	he
101100			be formed using the lette	
71 Zircon hyperson	nic cruise missile is launched		Using the alphabet only one	
by which of the following		- 1,	DYNAMICS	
a) Russia	b) United States	a) Modern	b) Dynamo	
c) Japan	d) North Korea	c) Mathematics	d) Mother	
c) Japan	d) North Rolld			
72 Which of the fo	ollowing articles of the Con-	81 FRID is related	to DIRE in the same way	as
	deals with Financial Emer-	RIPE is related to	?	
	icais with Financial Emer-	EPIR	b) PERI	
gency?	e h) Autiala 256	c) EPRI	d) IPRE	
Article 352	° b) Article 356	c) LIKI	u) II KL	
c) Article 360	d) Article 370	<b>82.</b> 10.8 x 5.5 x 8.4	1 = 9	
#A 77' 1 1	1		b) 489.96	
	number in the series:	a) 458.69		
5, 13, 25, 41, ?	16(1	×498.96	d) 485.69	
a) 58	10)61			
AEO-23	5		ľ	V

c) 96

d) 73

schools
d) Empowerment of disabled person

83. Output of a particular program followed the pattern given below. Find the missing number:

112, 141, 170, 199, \_\_\_\_, 257, 286

- a) 222
- b) 238 d) 228
- c) 245
- 84. The average age of a group of 15 students was 14. The average age increased by 2 year when two new students joined the group. What is the average age of the two new students who joined the group?
- a) 28
- c) 31
- 85. Which of the following years is not a leap vear?
- a) 1600
- **6**) 2100
- c) 2000
- d) 2024
- 86. Vicky can do a work in 15 days while Kenneth can do the same in 20 days. If both of them start doing the work at the same time, what fraction of work will be left after 4 days?

**87.** 14.5% of 608 = ?

- ay 88.16
- b) 86.18
- c) 81.68
- d) 86.88

**88.**  $840 \div 40 \div 0.5 = ?$ 

- a) 8.5
- b) 21
- 10.5 (عر
- . d) 42
- 89. What would be the simple interest accrued in 4 years on a principal of Rs.18,440 @ 15% p.a ?
- a) Rs.11,075
- b) Rs. 12:250
- ) Rs.11,064
- d) Rs.12,985
- 90. A florist bought 360 roses at Rs. 8 per dozen. He sold all of them at Rs.1 each. He made a profit of
- a) Rs.240
- b) Rs.315
- @ Rs. 120
- d) Rs. 180
- 91. The principal reason why it is better to have two eyes than one is that

- a) By having two eyes we can distinguish colour
- b) By having two eyes we can easily see in the dark as well as in dim light
- C) It gives a man a type of vision known as mosaic vision
- d) It enhances distance and depth perception in
  - 92. Which one of the following is issued by the court in case of an illegal detention of a person?
- a Habeas Corpus
- , b) Mandamus

- b) 16 d) 22 For Solved question paper, visit

  Megeducations.com<sub>3</sub>. The concept of 'Directive Principles of State Policy' incorporated in the Constitution of India was borrowed from the Constitution of
  - a) Australia
- xb) USA
- c) Canada
- d) Ireland
- 94. Who coined the name 'PAKISTAN'?
- Mohammad Ali Jinnah
- b) Fazlul Haq
- c) Liaquat Ali Khan
- d) Chaudhry Rehmat Ali
- 95. Which country has the most islands in the world, the majority of which are uninhabited?
- a) Finland
- b) Sweden
- . c) Indonesia
- Australia
- 96. If Ramesh's mother's brother is Alok's father's brother, then Ramesh's mother is Alok's
- a) Grandmother
- b) Aunt
- c) Cousin
- A Sister-in-law
- 97. In a certain code 'GIVE' is written as 'VIEG' and 'OVER' is written as 'EVRO'. How will 'DISK' be written in that code?
- a) SIDK
- b) KISD
- c) KDSI
- d) SIKD
- **98.**  $0.08 \times ? \times 1.6 = 0.2944$
- a) 1.3
- c) 0.2
- 99. 36% of  $4800 \times 0.2\%$  of 1320 = ?
- a) 4535.52
- b) 4551.36
- 9)4561.92
- d) 4572.48

100. 93 x  $45 \div 25 = ?$ 

- a) 167.4
- b) 837
- c) 279
- d) 130.2

## **PART - C - MATHEMATICS**

#### Marks:100

### Each question carries 2 marks:

101. A takes 10 days less than the time taken by B to finish a piece of work. If both A and B together can finish the work in 12 days, find the time take by B alone to finish the work.

- a) 20
- X)30
- c) 35
- d) 40

102. A two digits number is 4 times the sum of uestion its digits. If 18 is added to the number, the digits are reversed. Find the number

- a) 22
- b) 24
- c) 26
- d) 28

103. If three times the larger of two numbers is divided by the smaller one, we get 4 as the quotient and 3 as the remainder. Also if seven times the smaller number is divided by the larger one we get 5 as the quotient and 1 as the remainder. Find the smaller number

- a) 15
- b) 16
- c) 17
- d) 18

104. What is the 19th term of the sequence

$$a(n) = \frac{n(n-2)}{n+3}$$

- a)  $\frac{303}{22}$
- b)  $\frac{332}{22}$
- $29\frac{323}{19}$
- $\frac{323}{22}$

105. Divide 16 into two parts such that twice the square of the larger part exceeds the square of the smaller part by 164. Find the larger part

- a) 12
- b) 10

c) 8

d) 6

106. One-fourth of a herd of camels was seen in the forest. Twice the square root of the herd had gone to the mountain and the remaining 15 camels were seen on the bank of the river. Find the total number of camels.

- a) 30
- b) 32
- c) 34
- d) 36

**107.** Two trains running in opposite directions

cross a post standing on the platform in 30 seconds and 20 seconds respectively and they cross each other in 25 seconds. Then the ratio of their speed is

- a) 3:4
- b) 2:3
- c) 3:5
- d) 1:2

108. In a school, the ratio of boys to girls is 4:5.

If 100 girls leave the school the ratio becomes 6:7. How many girls are there in the school?

- a) 1200
- b) 1500
- e) 1400
- d) 1300 ·

109. In an Examination, the number of those who passed and the number of those who failed were in the ratio 3:1. Had 8 more appeared and 6 less passed, the ratio of passes to failures would have been 2:1. Find the number of candidates who appeared.

- a) 132
- **6**) 134
- c) 136
- d) 138

110. In an election between two candidates, one candidate secured 43% of the total votes polled and lost the election by 4900 votes. Find the total number of votes polled

- a) 33000
- b) 34000
- s)35000
- d) 37000

111. 5% of the population of a certain town was killed in the bombarded and 70% of the remaining died in panic. If the population of the town is now 44175, find the population of the town at the beginning before the bombardment

- a) 50000
- b) 55000

c) 60000

d) 65000

112. Find the measure of an angle, if seven times its complement is  $10^{\circ}$  less than three times its supplement

- a) 15°
- b) 20°
- c) 25°
- d) 30°

113. The mean of first 8 observations is 18 and last 8 observations is 20. If the mean of all 15 observations is 19, find the 8th observation

- a) 17
- b) 18
- c) 19
- d) 21

114. ]	Find	l the	sm	alles	st n	umber	which	when	n (	di-
vided	by	35,	56	and	91	leaves	remai	nder	5	in
each	cas	e.								

a) 3640

b) 3645

c) 3635

d) 3655

115. Evaluate: 16% of 150 - 25% of 84 + 8% of

a) 45

c) 49

116. The sum of first n even natural number is given by the relation s = n(n+1). Find n if the

For Solved question paper, visit

sum is 420 a) 18

b) 19 Megeducations.com<sup>()</sup> 11, 6

c) 20

117. By selling an article for Rs.810, a man loses 10%. At what price should he sell it in order to gain 8%?

- a) Rs.970
- b) Rs.985
- (c) Rs.972
- d) Rs.982

118. A manufacturer buys raw materials worth Rs.50,000 and pays a sales tax of 40%. He sell the ready stock at Rs.78000 and charges sales tax at 8%. Find the value added tax (VAT) paid by the manufacturer.

- a) 3240
- b) 4240
- c) 5240
- d) 6240

119. A man spends 65% of his salary and saves Rs.525 per month. Find his monthly salary.

- a) Rs.1300
- b) Rs.1500
- c) Rs.1900
- d) Rs.2500

120. If 2 is added to the numerator of a fraction

it reduces to  $\frac{1}{2}$  and if 1 is subtracted from the

denominator it reduces to  $\frac{1}{3}$ . Find the fraction

- a)  $\frac{3}{10}$

121. The denominator of a fraction is 3 more than its numerator. The sum of the fraction and its reciprocal is  $2\frac{9}{10}$ , find the fraction

122. If  $\frac{5+2\sqrt{3}}{7+4\sqrt{3}} = a - b\sqrt{3}$ , then the values

- of 'a' and 'b' are
- b) 8, 9
- d) 9, 11

**123.** If  $x = 3 + \sqrt{8}$ , then the value of  $x^2 + \frac{1}{x^2}$  is

- a) 24

c) 38

124. Simplify:  $\frac{16 \times 2^{n+1} - 4 \times 2^n}{16 \times 2^{n+2} - 2 \times 2^{n+2}}$ 

c)  $\frac{3}{4}$ 

125. If x, y and z are positive real numbers then

$$\sqrt{x^{-1}y}.\sqrt{y^{-1}z}.\sqrt{z^{-1}x}$$
 is -

- a) 0
- c) 2

126. A and B each have certain number of oranges. A says to B "If you give me 10 of your oranges, I will have twice the number of oranges left with you". B replies, "If you give me 10 of your oranges, I will have the same number of oranges as left with you". Find the number of oranges B have

- a) 40
- b) 50
- c) 60
- d) 70

127. Eight men can dig a field in 14 days working 6 hours a day. In how many days can 7 men dig the same field, working 8 hours a day.

a) 10	JJ11	136. From the t	op of a building 60m hi	igh, the
c) 12	d) 13		ion of the top and botto	
			rved to 30° and 60°. F	
128. The length of	of a chain used as boundary of	height of tower		
the semi-circular	park is 90cm. Find the area of	a) 30m	b) 40m	
the park		c) 20m	d) 50m	
a) 450.25cm <sup>2</sup>	b) 475.50cm <sup>2</sup>			
c) 481.25cm <sup>2</sup>	d) 495.75cm <sup>2</sup>	137. The circui	nference of two circles	are in
			nd the ratio of their areas	
129. A field is in	the form of a circle. The cost	a) 4:5	b) 4:7	
	ne field at Rs.15 per m <sup>2</sup> is	c) 5:9	d)4:9	
	he cost of fencing the field at	0) 3.7	Ja) 4.5	
Rs.34 per metre.	ne cost of fellenig the field at	130 A fort had	provisions for 300 men	for 00
a) Rs.7280	b) Rs. 7300 Solved ques	stion paper visit	provisions for 500 men	101 90
c) Rs.7480	d) Rs. Megeducations.	COM one would the	ays, 30 men len the for	1. 110W
y) NS. 1400	a) Ks.1194 cadacations.			E .!
120 Find the m	tic between the total confees	a) 80	b) 82	
	tio between the total surface	c) 84	d) 86	
장이 어려워요. 얼마면 보고 어려워진데 그렇게 하는데 나를 잃었다.	r and its curved surface area,	100 1	1 0 00 1:1	
	ght and radius are 7.5cm and		pole 2m 80cm high,	
3.5cm respective			m long. Find the length	
a) 15:12	b) 17:15		y a 5m 25cm high pole.	
c) 22:15	d) 24:21	a) 2m	b) 3m	
		c) 3.5m	d) 4m	
	two numbers is 1000 and the			
	in their square is 256000. Find		per bought a T.V. at a d	
their difference			ed price of Rs.24000. Th	
a) 254	b) 256		discount of 10% of the	
c) 258	d) 260	^	tomer. If the Value Add	
		(VAT) is 10%. F	ind the amount paid by t	he cus-
	B by 2 years. A's father F is	tomer.		
	and B is twice as old as his	a) 22560	b) 23540	
sister S. If the ag	es of the father and sister dif-	c) 23760	d) 23960	
fer by 40 years, 1	find the age of A's father F.			
a) 50	b) 48	141. A man bou	ght a plot for Rs.200000	0 and a
c) 52	d) 54	car for Rs.2200	00 at the same time. T	he plot
		appreciates at th	e rate of 25% per annum	. While
133. 30 men can	build a wall in 50 days. How	the price of car	depreciates at the rate of	of 20%
many more men	are required to build another	per annum. If th	e man sold the plot and	the car
wall, double in si	ze in 75 days?	after 2 years, fin	d his profit	
a) 8	b) 10	a) 23000	b) 23300	
c) 12	d) 14	c) 33300	d) 33500	
134. Calculate the	compound interest on Rs.1000	<b>142.</b> A number 4	.0 is wrongly read as 4.4	8. Find
	2% per annum. Interest being	the percentage		
compounded annu		a) 8%	b) 10%	
a) 165.23	b) 170.23	c) 12%	. d) 14%	
c) 177.23	d) 187.33	6		
		142 4	is in the shame of	haid of

143. A granary is in the shape of a cuboid of size  $12m \times 6m \times 4m$ . If a bag of grain occupies a space of  $0.75m^3$ . How many bags can be stored in the granary?

a) 362

b) 376

a) 2.3m

c) 2.5m

135. A 1.5m tall boy stands at a distance of 3m

from the lamp-post and casts a shadow of 4.5m

on the gound. Find the height of the lamp-post.

b) 2.2m

d) 2.4m

1	201
C)	384

d) 392

144. In a mixture of 45 litres, the ratio of milk to water is 13:2. How much water must be added to this mixture to make the ratio of milk to water as 3:1

a) 4

b) 5

c) 6

d) 7

145. The area of the trapezium is 210cm<sup>2</sup> and its height is 14cm. If one of the parallel sides is longer than the other by 6cm, find the two parallel sides

a) 6, 12

 $_{b)\,8,\,1}$  For Solved question paper, visit d)  $_{10}$  Megeducations.com

c) 12, 18

146. The area of rectangle gets reduced by 80 square units if its length is reduced by 5 units and the breadth is increased by 2 units. If we increase the length by 10 units and decrease the breadth by 5 units, the area is increased by 50 square units. Find the length and breadth of the rectangle.

a) 30, 40

b) 40, 30

c)40,50

d) 50, 40

147. In what time will Rs. 1200 earn an interest of Rs.240 at 5%?

a) 2 years

b) 3 years

c) 4 years

d) 5 years

148. Calculate the compound interest for the second year on Rs.4000 invested for 3 years at 10% per annum.

a) Rs.420

b) Rs.440 d) Rs.480

c) Rs.460

149. Find the rate of interest per year, if the interest charged for 8 months be 0.06 times of the money borrowed

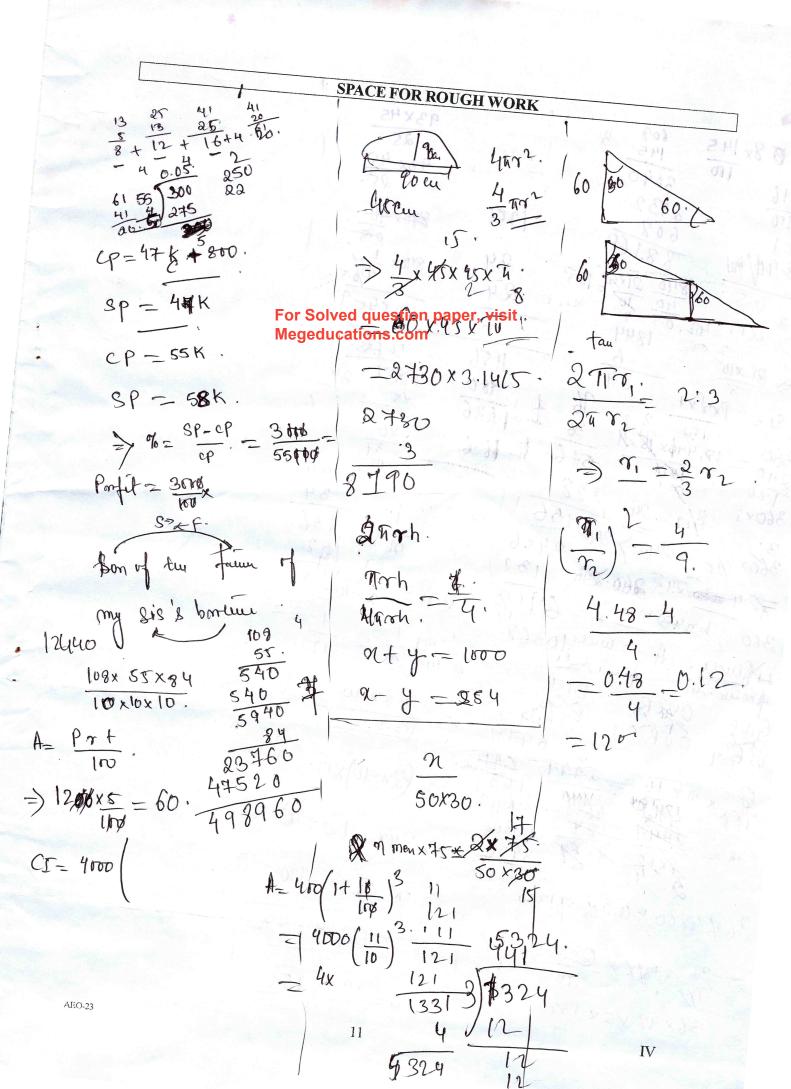
a) 7%

b) 8%

c) 9%

d) 6%

150. If the zeroes of the quadratic polynomial  $P(x) = 3x^2 + (2K-1)x-5$  are equal in magnitude but opposite in sign, then the value of K is



G 10 11 -	1.0	SPACE	OR ROUGH WO	RK .
610 8x 14.5	145 3	1/	93×45	ICIX /
8816	3040	1) fray	25:	
10	2432	1 1 4	93x 45	
2/	608	1256	25.	
840/44	88.16.0		840×40	
	40 DIXS 10.5		840x 1	
=) 21 42.	1844	24	40/6.5	
=> 21 XIR	6	For Solved qu	estion parter, vis	sit
8	64	Megeducation	s.com	
100	32 96	4 480	5 837 94	
560 - 12.440x	18×4 36	1.7636	33	^
120 - 100	576	11 1636	36	Oth
360×8 8/12	240 288		35	700 -
3' -	=> 363456 -> 3603456	BAN	20 34	
	2 )		1 136	_
724 24 29		2/	n 122	
60 bruin	691	2 RA=	- W=101:156	Musel
Rence. A	buile 10368	1	mill =	
modern side How	mer side	01-10	x = 12	Sal Langue
ve over Evron	ZAS.	11/2		
FG. EVRUG	SIRID		t71-10 = 1	0 11
x 91 x 16 =	2944 69	H	10) 02 12	
= 2949 = 2 - 2949 = 2	16 23. 691°	) a Br	-10)×12= 71-1	on
- 2949 1	34 10363			Pini
8416	× 3456	- = Dun	-120 = n2-101	rt.
	10			
7. 4800 × 0.2 %	, 11326	> n2-B	14n-120=t	).
36 x4xtx x Q	D.2 , 132¢			
36 ×48/10 X 1	UQ X	>n= 34±	134 + 4.80	
36x48 x2x 1	32	24	2.	
AEO-23	1-54 V	$=) n = \frac{34}{12}$	2	
		12		

Tewellow

Jewelry

occussion

Tologram

# SPACE FOR ROUGH WORK

$$=$$
  $\frac{4\pi}{5\pi-100} = \frac{6}{7}$ 

$$\frac{3}{1260} A = 3n + 4n F = \frac{3}{12}$$

$$\frac{1}{12} = \frac{3}{12} = \frac{3}$$

$$7(180-1) = 3(180+1)-10 A = 4n + 3 = 3+10(19) = 1$$

$$4(180-1) = 3(180+1)-10 A = 4n + 8$$

$$7(180-1)=3(180+1)-10$$

$$1=12$$

$$1260+10-540=1073$$

$$1=2$$

$$1=2$$

$$1=2$$

$$1=2$$

$$1=2$$

$$1=2$$

$$\frac{4\pi}{30} = \frac{1}{30}$$

AEO-23

$$=> 1=53$$
.  $\frac{34\%}{190} \times 43 \frac{136}{1462}$ 

1000

$$\alpha x_3 = \frac{\alpha x_3}{4}$$

$$\frac{91\times3}{4}+3=4.$$

$$\frac{7xy}{x}+1=5.$$

$$g \Rightarrow 3n = y$$
.

$$= \frac{1}{1} \Rightarrow \forall y + n = n$$

$$= \frac{1}{19}$$

$$\frac{01}{30} + \frac{9}{20} = \frac{1}{70}$$

$$\frac{3440}{357} + \frac{15}{24} = \frac{3}{15} = \frac{3}{35}$$

$$\frac{3440}{7} + \frac{3}{15} = \frac{$$

IV