

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE TOLD TO DO SO

MAI BHAGO ARMED FORCES PREPARATORY INSTITUTE FOR GIRLS MOHALI
GRADUATE LEVEL (10+2) ENTRY

Test Booklet Serial No

APRIL-2026

Test Booklet Code

TEST BOOKLET



ROLL NO: _____

SIGNATURE: _____

NAME: _____

DATE/TIME: _____

Time Allowed: 150 Minutes

Maximum Marks: 480

INSTRUCTIONS FOR CANDIDATES

1.	Before attempting the paper, carefully read all the Instructions & Examples given on Side 1 of Answer Sheet (OMR Sheet) supplied separately.
2.	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 120 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.
3.	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.
4.	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 be deemed 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.
5.	This Test Booklet comprises 12 pages containing 120 questions. 50 questions in Sections I & 70 questions in Section II. Section I includes questions on General English and Section II includes questions on General Awareness . A total of 150 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.
6.	The maximum marks are 480 . 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.
7.	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.
8.	On completion of the test, the candidate must hand over the OMR Answer Sheet to the invigilator on duty in the examination hall.
9.	Use of Mobile phone or any other similar electronic gadget is not permitted.
10.	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

(50 Questions – 200 Marks; Minimum 30 Marks to Qualify; Minus 1 Mark for every wrong Answer)

Directions : You have one brief passage with five questions following the passage. Read the passage carefully and choose the best answer to each question out of the four alternatives.

How wonderful is the living world! The wide range of the living types is amazing. The extraordinary habitats in which we find living organisms, be it cold mountains, deciduous forests, oceans, fresh water lakes, deserts or hot springs, leave us speechless. The beauty of a galloping horse, or a migrating bird, the valley of flowers or the attacking shark evokes awe and a deep sense of wonder. The ecological conflict and cooperation among members of a population and among populations of a community or even a molecular traffic inside a cell make us deeply reflect on - what indeed is life? This question has two implicit questions within it. The first is a technical one and seeks answer to what living is as opposed to the non-living, and the second is the philosophical one, and seeks answer to what the purpose of life is. What is living? When we try to define 'living', we conventionally look for distinctive characteristics exhibited by living organisms. Growth, reproduction, ability to sense environment and mount a suitable response come to our mind immediately as unique features of living organisms. One can add a few more features like metabolism, ability to self-replicate, self-organize, interact and emergence to this list.

1.	Why are the living types amazing? (1) The extraordinary diversity of habitats makes it amazing. (2) The living organisms are acting as per their interests. (3) The human thinking makes the living types amazing. (4) The evolution of life makes it amazing.
2.	Why does the author say, 'ecological conflict and cooperation'? (1) Because living organisms are structured this way. (2) Because ecological mechanism works with conflict and cooperation. (3) Because humans want to fight and live together. (4) Because living organisms sometimes fight and sometimes live together.
3.	Which of the following statements is true of the passage? (1) Meaning of life could be reflected as to what living is as opposed to the non-living and what the purpose of life is. (2) Meaning of life could be reflected as to how living organisms live and non-living organisms exist. (3) Meaning of life could be reflected as to where life begins and where it ends. (4) Meaning of life could be reflected on how various living organisms differ.
4.	Distinctive characteristics exhibited by organisms indicate that (1) they are living organisms. (2) they are non-living organisms. (3) they can be either living organisms or non-living organisms. (4) they know the purpose of life
5.	Which word in the passage means 'unique'? (1) common (2) characteristics (3) distinct (4) general

Directions: Out of the four options, choose the word closest in meaning to the given word.

6.	SPURIOUS (1) genuine (2) fake (3) injurious (4) fatal
7.	VACILLATE (1) waver (2) decide (3) shake (4) move
8.	CONVOLUTED (1) direct (2) simple (3) intricate (4) difficult

9.	IMPETUOUS (1) cautious (2) risky (3) watchful (4) reckless
10.	NASCENT (1) withering (2) budding (3) flourishing (4) beginning
Directions: Out of the four options, choose the word which is near opposite in meaning to the given word.	
11.	COGNIZANT (1) sensible (2) ignorant (3) sharp (4) effervescent
12.	DUBIOUS (1) shady (2) suspicious (3) trustworthy (4) doubtful
13.	MAGNANIMOUS (1) small (2) petty (3) kind (4) majestic
14.	ADULATION (1) back-biting (2) condemnation (3) flattery (4) praise
15.	MITIGATE (1) intensify (2) enhance (3) convince (4) falsify
Directions: In the following questions, four options are given for each of the given sentences. Choose the one that correctly states the meaning of the given idiom.	
16.	I can understand the resentment of athletes toward those <u>armchair critics</u> who pass judgment on performances. (1) a person of strong determination (2) one who is uncertain (3) one who gives advice based on theory not practice (4) an incompetent critic
17.	That old writer is <u>as daft as a brush</u> , but his stories are entertaining. (1) to run fast (2) extremely silly (3) completely emotionless (4) smart and clever
18.	At 10:30 am she was still <u>out for the count</u> after another night disturbed by the crying baby. (1) to be very successful (2) in a deep, insensible sleep (3) feel free to do anything (4) appeal to the public
19.	He was <u>brought to book</u> by the authority. (1) to beat (2) to love (3) to punish (4) to bring a new book
20.	You must deal with the problem <u>fair and square</u> . (1) in a critical way (2) neither very good nor very bad (3) in a foolish way (4) in an honest way
21.	The ambassador <u>curried favour</u> with the dictator by praising his construction projects. (1) to make curry for someone (2) to add spices in curry (3) to help someone (4) to seek or gain favour by flattery or attention
Directions: Each question has a passage comprising six sentences. The first and the last sentences are numbered 'S1' and 'S6' respectively. The middle four sentences in each passage have been jumbled up. These are labelled P, Q, R and S. Find out the proper order for the four sentences.	
22.	S1: The colonial powers had a very simple technique to rule the world. P: They lumped tribes and people together, played one against the other. Q: India's provinces were more elaborately designed to play the game of divide and rule. R: Africa was divided, believe it or not, on the basis of the lines of longitude and latitude. S: They also purchased the loyalties of those locals who were needed as supports for the colonial presence. S6: Partition was the culmination. (1) PRSQ (2) PSRQ (3) SPQR (4) RPSQ

23.	<p>S1: Traditional songs and music form the identity of the tribal culture.</p> <p>P: The tribal areas of Chhatisgarh have always resonated with the sound of traditional tribal songs and music.</p> <p>Q: They reflect the tribals' natural spirit, unconditional love, and innate energy at every stage of their life.</p> <p>R: Initially, the tribal songs in their dialects, reverberated with the rebellion of their area and then with the movement that was prevalent in the country</p> <p>S: The forest areas and tribal/settlements of Chhatisgarh, began the revolt against the British at the very beginning of the freedom struggle, much before the urban areas.</p> <p>S6: These tribal songs, on one hand, glorified their hero and on the other, inspired their fellow tribesmen to participate in the freedom struggle.</p> <p>(1) QPSR (2) QRSP (3) SPRQ (4) SPQR</p>
24.	<p>S1: There were no finger prints anywhere.</p> <p>P: First of all, it was impossible even for a child to enter through the hole in the roof.</p> <p>Q: When the investigators tried to reconstruct the crime, they came up against facts.</p> <p>R: Moreover, when the detectives tried to push a silver vase, it was found to be double the size of the hole.</p> <p>S: Again, the size of the hole was examined by the experts who said that nothing had been passed through it.</p> <p>S6: These conclusions made the detectives think that it was a fake theft.</p> <p>(1) PQRS (2) QPRS (3) SQRP (4) QRSP</p>
25.	<p>S1: First and foremost, there are orders and safety in our civilization.</p> <p>P: Thus, in disputes between man and man, right has taken the place of might.</p> <p>Q: If today I have a quarrel with another man, I do not get beaten merely because I am physically weaker.</p> <p>R: I go to the law, and the law will decide fairly between the two of us.</p> <p>S: Moreover, the law protects me from robbery and violence.</p> <p>S6: Nobody may come and break into my house and steal my goods.</p> <p>(1) RQPS (2) SRQP (3) QRPS (4) PRSQ</p>
26.	<p>S1: Truth is far more important than the teacher.</p> <p>P: Without self-knowledge, the air-plane becomes the most destructive instrument in life; but with self-knowledge, it is a means of human help.</p> <p>Q: Wisdom begins with self-knowledge; and without self-knowledge, mere information leads to destruction.</p> <p>R: In other words, you have to be the perfect teacher to create a new society; and to bring the perfect teacher into being, you have to understand yourself.</p> <p>S: Therefore you, who are the seeker of truth, have to be both the pupil and the teacher.</p> <p>S6: So, a teacher must obviously be one who is not within the clutches of society, who does not play power politics or seeks position or authority.</p> <p>(1) QRSP (2) SRQP (3) QSRP (4) RSQP</p>
27.	<p>S1: Media literacy is crucial in the digital age.</p> <p>P: Individuals must evaluate information critically.</p> <p>Q: Misinformation spreads rapidly on social platforms.</p> <p>R: Algorithms amplify sensational content.</p> <p>S: Fact-checking mechanisms help counter false narratives.</p> <p>S6: Hence, educational initiatives should prioritize digital awareness.</p> <p>(1) PRQS (2) QPRS (3) SRPQ (4) SPRQ</p>

Directions: In each of the questions given below are words spelt in four different ways. Choose the option that gives the correct spelling of the word.	
28.	(1) acclimatise (2) acclamatise (3) acclamatise (4) acclematise
29.	(1) chauffur (2) chouffeur (3) chauffeur (4) chhaufeur
30.	(1) diarhhiea (2) diarhhoea (3) diarrhoea (4) dairrhoea
31.	(1) acquaintance (2) acquiantance (3) acquaintance (4) acquaintence
Directions: Pick out the most effective word from those given at the end of each sentence to fill in the blank to make the sentence meaningfully complete.	
32.	The company faced financial losses; _____, it managed to retain all employees. (1) consequently (2) similarly (3) nevertheless (4) therefore
33.	The new policy was unpopular; _____, the management proceeded with its implementation. (1) however (2) therefore (3) similarly (4) moreover
34.	We must work hard towards _____ of the underprivileged people of our country. (1) proliferation (2) emancipation (3) contribution (4) unification
35.	Levina unknowingly _____ the thief by holding open the elevator doors and ensuring his escape. (1) coerced (2) abetted (3) sanctioned (4) solicited
36.	I had the _____ experience of sitting next to an over-talkative passenger on my flight home from Bengaluru. (1) satisfactory (2) commendable (3) galling (4) acceptable
37.	Meditation is _____ way to calm your nerves. (1) a best (2) one of the best (3) the best (4) a best
38.	This is a good _____ for the school. (1) sight (2) cite (3) site (4) spot
Directions: In the given questions, the sentences are divided into four parts marked 1, 2, 3 and 4. One of the parts may have a grammatical error. Pick out the part that has an error. Pick option 4 if there is no error.	
39.	<u>An electrical circuit</u> / <u>is the complete path</u> / <u>traversed by electric current.</u> / <u>No error</u> (1) (2) (3) (4)
40.	<u>Today there are a very few</u> / <u>tigers left in India and many NGOs are</u> / <u>working to save our</u> (1) (2) (3) <u>national animal.</u> / <u>No error</u> (4)
41.	<u>The wise father told him</u> / <u>that the mangoes had gone bad as they were</u> / <u>in contact with</u> (1) (2) (3) <u>the one rotten mango.</u> / <u>No error</u> (4)
42.	<u>No sooner did the rabbit</u> / <u>come out of the bush</u> / <u>when the hunter killed it.</u> / <u>No error</u> (1) (2) (3) (4)
43.	<u>You will come</u> / <u>to my party tomorrow</u> / <u>isn't it?</u> / <u>No error</u> (1) (2) (3) (4)
44.	<u>He was found guilty</u> / <u>for killing</u> / <u>an innocent bird.</u> / <u>No error</u> (1) (2) (3) (4)
45.	<u>An entire block of flats</u> / <u>including two shops were</u> / <u>destroyed in fire.</u> / <u>No error</u> (1) (2) (3) (4)

Directions: In the given passages a few words have been left out. Fill in the blanks by choosing the most appropriate word from the options given for each blank.

The question whether war is ever justified, and if so under what circumstances, is one which has been forcing itself ____ **(46)** the attention of all thoughtful men. On this question I find myself in the somewhat ____ **(47)** position of holding that no single one of the combatants is justified in the present war, while not taking the extreme Tolstoian view that war is under all circumstances a ____ **(48)**. Opinions on such a subject as war are the outcome of ____ **(49)** rather than of thought: given a man's emotional temperament, his convictions, both on war in general, and on any particular war which may occur during his lifetime, can be ____ **(50)** with tolerable certainty.

46.	(1) upon	(2) on	(3) at	(4) over
47.	(1) delightful	(2) painful	(3) pleasant	(4) lovely
48.	(1) duty	(2) obligation	(3) responsibility	(4) crime
49.	(1) feeling	(2) sentiment	(3) reason	(4) patriotism
50.	(1) thought	(2) intimated	(3) held	(4) suggested

(Rough Work)

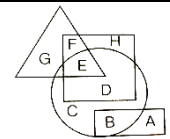
SECTION II: GENERAL AWARENESS

(70 Questions – 280 Marks; Minimum 70 Marks to Qualify; Minus 1 Mark for every wrong Answer)

51.	In a class, 30% of the students offered English, 20% offered Hindi and 10% offered both. If a student is selected at random, what is the probability that she has offered English or Hindi? (1) $\frac{2}{5}$ (2) $\frac{3}{5}$ (3) $\frac{3}{4}$ (4) $\frac{3}{10}$
52.	A worker may claim Rs.1.5 for each km which he travels by taxi and 50 paise for each km he drives his own car. If in one week he claimed Rs.50 for travelling 80 km, how many Kms did he travel by taxi? (1) 20 Km (2) 14Km (3) 12 Km (4) 10Km
53.	The value of $\sqrt{\frac{(0.03)^2 + (0.21)^2 + (0.065)^2}{(0.003)^2 + (0.021)^2 + (0.0065)^2}}$ is: - (1) 0.1 (2) 10 (3) 10^2 (4) 10^3
54.	If a wire is bent into the shape of a square, then the area of the square is 81 sq. cm. When the wire is bent into semi-circular shape, then the area of the semi-circle will be: - (1) 22 cm^2 (2) 44 cm^2 (3) 77 cm^2 (4) 154 cm^2
55.	Earth is divided into a geographic grid system of imaginary lines to determine precise locations and time zones. The grid lines formed parallel to Equator are known as:- (1) Northing (2) Longitude (3) Latitude (4) Easting
56.	Nineteenth century emerged as starting of many socio-cultural movements in our country. Who founded the 'Brahmo Samaj'? (1) Raja Ram Mohan Roy (2) Ishwar Chandra Vidyasagar (3) Swami Vivekananda (4) Dayanand Saraswati
57.	Consider the following statements:- (a) Gram Sabha is a village assembly consisting of all the registered voters in the area of a Panchayat. (b) After dissolution of Panchayat, the newly elected Panchayat will enjoy a full five-year term. Choose the correct answer:- (1) (a) only (2) (b) only (3) Both (a) & (b) (4) Neither (a) & (b)
58.	Name the heaviest communication satellite launched by ISRO on 02 Nov 2025? (1) GSAT-7R (2) GSAT-11 (3) GSAT-7 (4) INSAT
59.	Which colour of light has the highest frequency in the visible spectrum? (1) Red (2) Green (3) Yellow (4) Violet
60.	Which of the following correctly represents the electron dot structure of ethene (C_2H_4)? (1) Each carbon forms 4 single bonds (2) Two carbons share one pair of electrons (single bond) (3) Two carbons share two pairs of electrons (double bond) (4) Two carbons share three pairs of electrons (triple bond)
61.	A box contains 20 electric bulbs, out of which 4 are defective. Two bulbs are chosen at random from the box. The probability that at least one of them is defective, is: - (1) $\frac{4}{19}$ (2) $\frac{7}{19}$ (3) $\frac{12}{19}$ (4) $\frac{21}{95}$
62.	There is a circular path around a sports field. Sonia takes 18 mins to drive one round of the field, while Ravi takes 15 mins for the same. Suppose they both start at the same point and at the same time and go in the same direction. After how many minutes will they meet again at the starting point? (1) 120 (2) 90 (3) 100 (4) 80
63.	The average weight of some students in a class was 58.4 kg. When 5 students with average weight 62.8 kg joined the class, the average weight of all students in the class increased by 0.55 kg. The number of students initially in the class was: - (1) 40 (2) 25 (3) 30 (4) 35

64.	If the height of a cylinder is increased by 15 % and the radius of the base is reduced by 10% then by what percent its curved surface area changes? (1) 3.5% increase (2) 3.5% decrease (3) 5% increase (4) 5% decrease
65.	Name the type of forests which are available in areas of south-west Punjab and Haryana? (1) Montane (2) Tropical deciduous (3) Tropical evergreen (4) Tropical thorn
66.	Which of the following statements about Indus Valley Civilization are incorrect? (a) Iron was widely used by the people of Indus Valley Civilization. (b) The civilization extended from Manda in north to Daimabad in south and Sutkagendor in the west to Alamgirpur in the east. (c) Mohenjo-daro was the largest site of the Civilization. Choose the correct answer below:- (1) (a) and (b) only (2) (b) and (c) only (3) (a) and (c) only (4) All of the above.
67.	Which of the following Constitutional Amendment has reduced the voting age from 21 years to 18 years? (1) 52 nd (2) 73 rd (3) 61 st (4) 86 th
68.	VB G RAM G Act 2025 replaced MGNREGA enacted in year 2005 as a rural employment guarantee scheme. What is the correct full form of VB G RAM G Act? (1) Vishal Bharat Guarantee for Rural and Ajeevika Mission (Gramin) Act (2) Viksit Bharat Guarantee for Rozgar and Ajeevika Mission (Gramin) Act (3) Viksit Bharat Guarantee for Rural and Ajeevika Mission (Gramin) Act (4) Vishal Bharat Gramin Rozgar Ajeevika Mission Guaranteed Act
69.	The length of a simple pendulum is increased four times to its previous value while the mass is doubled. What is the ratio of the new and previous time period of the pendulum? (1) 3:1 (2) 2:5 (3) 2:1 (4) 3:2
70.	In a cross between a red-flowered plant (RR) and a white-flowered plant (rr), what percentage of F ₂ generation will be red-flowered? (1) 25% (2) 50% (3) 75% (4) 100%
71.	Gita and Geetika visit particular office in the same week (Monday to Friday). Each is equally likely to visit the office on any one day as on another. The probability that they both visit the office on two consecutive days is: - (1) $\frac{11}{25}$ (2) $\frac{8}{25}$ (3) $\frac{7}{25}$ (4) $\frac{9}{25}$
72.	A student goes to school at the rate of 2.5 km/hr and reaches 6 min late. If he travels at the speed of 4.5 km/hr, he is 10 min early. What is the distance to school? (1) 1.5 Km (2) 3 Km (3) 1.2 Km (4) 6 Km
73.	The income of a broker remains unchanged through the rate of commission is increased from 4% to 5%. The percentage of slump in business is: - (1) 8% (2) 1% (3) 20% (4) 80%
74.	If first 4 letters of the English alphabet are written in reverse order; again next 5 letters are written in reverse order; again next 6 letters are written in reverse order; again next 7 letters are written in reverse order and finally, the remaining letters are also written in reverse order, then what will be the 7th letter to the left of the 8th letter from right? (1) M (2) N (3) O (4) L
75.	Name the type of soil having nature from sandy loam to clay and which is generally rich in Potash but poor in Phosphorous:- (1) Black (2) Alluvial (3) Laterite (4) Red
76.	The words 'Satyameva Jayate' inscribed below the base plate of the Emblem of India have been taken from which of the following? (1) Mundaka Upnishad (2) Rig Veda (3) Bhagvad Gita (4) Valmiki's Ramayana

77.	Which of the following articles of the Constitution of India were attributed to the special status of Jammu & Kashmir? (a) Article 35A (b) Article 368 (c) Article 370 (d) Article 371 Choose the correct answer:- (1) (a) only (2) (c) only (3) (a) and (b) only (4) (a) and (c) only
78.	Name the current Defence Minister of India? (1) Nitin Gadkari (2) Nirmala Sitharaman (3) Rajnath Singh (4) Narendra Modi
79.	An electric heater of 1000W runs for 2 hours daily. What is the cost per month (30 days) if the rate is ₹5 per unit? (1) ₹150 (2) ₹200 (3) ₹300 (4) ₹250
80.	Which of the following is the CORRECT sequence in the human alimentary canal? (1) Stomach → Duodenum → Ileum → Jejunum → Colon (2) Stomach → Duodenum → Jejunum → Ileum → Colon (3) Stomach → Jejunum → Duodenum → Ileum → Colon (4) Stomach → Ileum → Jejunum → Duodenum → Colon
81.	The mean of first n odd natural numbers is $\frac{n^2}{81}$, then n is: - (1) 9 (2) 81 (3) 27 (4) 18
82.	A 150-m long train is running at a speed of 68 km/h. In what time will it pass a man who is running at 8 km/h in the same direction in which the train is going? (1) 8 secs (2) 8.5 secs (3) 9 secs (4) 9.5 secs
83.	The ages of Sunita and Suhani are in the ratio of 7 : 3 respectively. After 6 years, the ratio of their ages will be 5 : 3. What is the difference in their ages? (1) 6 years (2) 10 years (3) 8 years (4) 12 years
84.	In the given figure, square represents lawyers, triangle represents cyclists, circle represents men and rectangle represents post-graduates. Which set of letters represents men who are not cyclists? (1) B, C, D (2) E (3) G, F (4) G, F, H, A
85.	Which amongst the following is not a natural disaster:- (1) Earthquake (2) Tsunami (3) Oil spill (4) Cyclone
86.	Who amongst the following was not associated with the Kakori Conspiracy Case? (1) Ramprasad Bismil (2) Surya Sen (3) Rajendra Lahiri (4) Ashfaqullah Khan
87.	Disqualification of members of the State Legislature is decided by which of the following? (1) The President of India (2) The Governor of the State (3) The Chief Minister of the State (4) State Election Commission
88.	SHANTI Act 2025 passed by Government of India reflects its effort to modernize the laws governing the nuclear sector. Key features of the Act are as under:- (a) Allows limited private participation (b) Replaces the Atomic Energy Act 1962 and the Civil Liability for Nuclear Damage Act 2010. (c) Grants Atomic Energy Regulatory Board statutory authority. Select the correct option:- (1) (a) and (b) only (2) (b) and (c) only (3) (a) and (c) only (4) All of the above
89.	The process of depositing a layer of zinc on iron to prevent rusting is called: (1) Electroplating (2) Galvanization (3) Corrosion (4) Anodization
90.	During vigorous exercise, lactic acid accumulates in muscles because: (1) Oxygen supply exceeds demand (2) Pyruvate is converted to ethanol (3) Anaerobic breakdown of pyruvate occurs due to oxygen deficit (4) Mitochondria stop functioning permanently



91.	Simran and Radha can do a piece of work in 20 days and 12 days respectively. Simran started the work alone and then after 4 days Radha joined her till the completion of the work. How long did the work last? (1) 6 days (2) 10 days (3) 15 days (4) 20 days
92.	Ramesh purchases a table and a chair for Rs. 3,900. He sells the table at a profit of 8% and the chair at a profit of 16%. He earns a profit of Rs. 540. What is the difference between the original price of the table and the chair? (1) Rs 1800 (2) Rs 1900 (3) Rs 2000 (4) Rs 1700
93.	From 5 litres of a 20% solution of alcohol in water, 2 litres of solution is taken out and 2 litre water is added to it. Find the strength of alcohol in the new solution? (1) 10% (2) 12% (3) 15% (4) 18%
94.	Two airlines start from the same airport. A flies 20 km South. B flies 35 km East, then turns South and flies 45 km, then turns to its right and flies 35 km. Where is B with respect to A now? (1) 65 km South (2) 25 km North (3) 25 km South (4) 65 km North
95.	Many European countries colonised parts of India before it gained Independence. Name the odd one out amongst those colonisers:- (1) England (2) France (3) Netherlands (4) Spain
96.	Which one of the following is not a function of the Constitution of India? (a) To ensure participation of good people in politics. (b) To guarantee a set of rights to citizens. (c) To define the power of the different organs of government. (d) To create conditions for a just society. Choose answer from the following:- (1) (a) only (2) (b) only (3) (c) only (4) None of the above
97.	Name the first state to implement Uniform Civil Code in India? (1) Uttarakhand (2) Goa (3) Assam (4) Gujarat
98.	What is the SI unit of electric potential? (1) Joule (2) Volt (3) Coulomb (4) Ampere
99.	Which of the following is a double displacement reaction? (1) $\text{CuO} + \text{H}_2 \rightarrow \text{Cu} + \text{H}_2\text{O}$ (2) $2\text{Mg} + \text{O}_2 \rightarrow 2\text{MgO}$ (3) $\text{AgNO}_3 + \text{NaCl} \rightarrow \text{AgCl} + \text{NaNO}_3$ (4) $\text{Zn} + \text{CuSO}_4 \rightarrow \text{ZnSO}_4 + \text{Cu}$
100.	Homologous organs indicate: (1) Similar function but different evolutionary origin (2) Same function and same evolutionary origin (3) Different function but common evolutionary origin (4) No evolutionary relationship
101.	A train running at $\frac{7}{11}$ of its own speed reached a place in 22 hours. How much time could be saved if the train would have run at its own speed? (1) 7 hours (2) 8 hours (3) 14 hours (4) 16 hours
102.	In a fort there was sufficient food for 200 soldiers for 31 days. After 27 days, 120 soldiers left the fort. For how many extra days will the rest of the food last for the remaining soldiers? (1) 12 days (2) 10 days (3) 8 days (4) 6 days
103.	The monthly salary of Palak and Rahul are in the ratio 5 : 4. Palak from her salary, gives $\frac{3}{5}$ to her mother, 15% towards her sister's tuition fees, 18% towards a loan and she shops with the remaining amount, which is Rs 2100/-. What is the monthly salary of Rahul? (1) Rs 25000/- (2) Rs 30000/- (3) Rs 15000/- (4) Rs 24000/-
104.	Name the historic incident which is regarded as the starting point of British rule in India:- (1) Battle of Plassey (2) Battle of Buxar (3) Third Battle of Panipat (4) None of the above

105.	Select a figure from the given four alternatives, which when placed in the blank space of problem figure would complete the pattern. Problem Figure Answer Figures
	(1) (a) (2) (b) (3) (c) (4) (d)
106.	Who among the following can attend the meetings of both Houses of Parliament while not being a member of either House? (1) The Solicitor General of India (2) The Vice-President of India (3) The Comptroller and Auditor General of India (4) The Attorney General of India
107.	What is the name of battalion recently created by Indian Army for modern high-intensity warfare? (1) Bharghav (2) Bhairav (3) Rudra (4) Ashni
108.	Two resistances of 5.0Ω and 7.0Ω are connected in series and the combination is connected in parallel with the resistance of 36.0Ω . The equivalent resistance of the combination of three resistors is: (1) 24Ω (2) 12Ω (3) 9Ω (4) 6Ω
109.	Which of the following compounds does NOT decolourise bromine water? (1) Ethene (2) Ethyne (3) Ethane (4) Propene
110.	The process of converting glucose into ethanol and CO_2 by yeast is called: (1) Saponification (2) Fermentation (3) Esterification (4) Hydrolysis
111.	10 is added to a certain number, the sum is multiplied by 7, the product is divided by 5 and 5 is subtracted from the quotient. The remainder left is half of 88. What is the number? (1) 21 (2) 20 (3) 25 (4) 30
112.	Two positive numbers differ by 2001. When the larger number is divided by smaller number the quotient is 9 and remainder is 41. The sum of digits of larger number is: - (1) 15 (2) 11 (3) 14 (4) 10
113.	A field is in shape of a trapezium whose parallel sides are 200m and 400 m long, whereas each of other two sides is 260 m long. What is the area (in m^2) of the field? (1) 48000 (2) 52000 (3) 72000 (4) 60000
114.	A narrow passage of water that connects two large water bodies of water is known as:- (1) Gulf (2) Estuary (3) Strait (4) Peninsula
115.	Maharaja Ranjit Singh established Sikh empire independent of British rule. Name the misl or confederacy to whom Maharaja Ranjit Singh belonged to? (1) Ahluwalia (2) Bhangi (3) Sukerchakia (4) Phulkian
116.	Name the form of government where a state is ruled by religious leaders or divine guidance:- (1) Democracy (2) Theocracy (3) Monarchy (4) Dictatorship
117.	India entered a new era in semiconductor technology with launch of first fully indigenous space-grade microprocessor. Which amongst the following is the name of microprocessor? (1) VIKRAM 3210 (2) VIKRAM 2301 (3) VIKRAM 3012 (4) VIKRAM 3201
118.	The phenomenon of total internal reflection is used in: (1) Periscope (2) Optical fibre (3) Concave mirror (4) Compound microscope
119.	Aqua regia is a mixture of concentrated HNO_3 and concentrated HCl in the ratio: (1) 1 : 3 (HNO_3 : HCl) (2) 3 : 1 (HNO_3 : HCl) (3) 1 : 1 (HNO_3 : HCl) (4) 2 : 3 (HNO_3 : HCl)
120.	The enzyme in saliva that breaks down starch to give simple sugar is known as: (1) Salivary Amylase (2) Starch (3) Lipids (4) Bile Juice

(Rough Work)