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MAI BHAGO ARMED FORCES PREPARATORY INSTITUTE FOR GIRLS MOHALI

Test Booklet Serial No

APRIL-2024

Test Booklet Code

TEST BOOKLET

A

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 50 Marks to Qualify; Minus 1 Mark for every wrong Answer)

	Directions: Out of the four options, choose the word closest in meaning to the given word.
1.	HARBINGER (1) Regressive Messenger (2) Advance Messenger (3) Overlooking Messenger (4) Ancestor
2.	IGNOMINY (1) glory (2) disgrace (3) hostility (4) cruelty
3.	CLAMOROUS (1) restrained (2) boisterous (3) gloomy (4) simple
4.	VISTA (1) landscape (2) location (3) feature (4) vitality
5.	ENDURANCE (1) Patience (2) success (3) enigma (4) captivity
	Directions: Out of the four options, choose the word which is near opposite in meaning to the given word.
6.	AMATEURISH (1) skilled (2) professional (3) seasoned (4) trained
7.	EXTRAVAGANT (1) Sensible (2) Careful (3) Economical (4) Balanced
8.	COMPLACENT (1) Discontented (2) Self-satisfied (3) Curious (4) Militant
9.	FICTITIOUS (1) Common (2) Factual (3) Real (4) Genuine
10.	VACILLATE (1) waver (2) persist (3) decide (4) expedite
	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.
11.	The teacher gave many examples to _____ the idea contained in the poem. (1) bring about (2) bring in (3) bring forth (4) bring out
12.	I decided to set up my own business because I was tired of just being a _____ in a machine. (1) lever (2) handle (3) cog (4) bolt
13.	After the marathon, some of the competitors felt completely _____. (1) cut up (2) done in (3) done out (4) run out
14.	Ram, along with the members of the family and that of his friend, _____ a movie. (1) was watching (2) were watching (3) have been watching (4) watch
15.	Although he never learned to read, his exceptional memory and enquiring mind eventually made him a very _____ man. (1) dedicated (2) erudite (3) pragmatic (4) benevolent

	<p>Directions (Q. Nos. 16-20) 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.</p> <p>If a person suddenly encounters any terrible danger, the change in nature one undergoes is equally great. Sometimes fear numbs our senses. Like animals, one stands still, powerless to move a step in fright or to lift a hand in defence of our lives, and sometimes one is seized with panic, and again, act more like the inferior animals than rational beings. On the other hand, frequently in cases of sudden extreme peril, which cannot be escaped by flight, and must be instantly faced, even the most timid men at once as if by miracle, become possessed of the necessary courage, sharp quick apprehension and swift decision. This is a miracle very common in nature. Man and the inferior animals alike, when confronted with almost certain death ‘gather resolution from despair’ but there can really be no trace of so debilitating a feeling in the person fighting, or prepared to fight for dear life. At such times the mind is clearer than it has ever been; the nerves are steel, there is nothing felt but a wonderful strength and daring. Looking back at certain perilous moments in my own life, I remember them with a kind of joy, not that there was any joyful excitement then, but because they broadened my horizon, lifted me for a time above myself.</p>
16.	<p>The title that best suits the passage would be _____.</p> <p>(1) The Will to Fight (2) The Change of Nature (3) The Miracle of Confronting Danger (4) Courage and Panic</p>
17.	<p>A man may react to sudden danger in three different ways. What are they?</p> <p>(1) He may flee in panic, or fight back or stand still. (2) He may be paralyzed with fear, seized with panic or act like an inferior animal. (3) He may be paralyzed with fear, or seized with panic, or as if by miracle, become possessed of the necessary courage, and face the danger. (4) He may be paralyzed with fear, run away or fight.</p>
18.	<p>What is the meaning of the word debilitating?</p> <p>(1) Enfeeble (2) Debase (3) Strengthen (4) Thriving</p>
19.	<p>Explain the phrase ‘gather resolution from danger’.</p> <p>(1) Find peace in times of difficulty. (2) A state of utter hopelessness makes one determined to face the difficulty. (3) To remain calm and not to lose hope. (4) To be enthusiastic and brave the odds.</p>
20.	<p>The author feels happy in the recollection of dangers faced and overcome because _____.</p> <p>(1) They brought him a new experience. (2) They added a new perspective and lifted him above himself for a time. (3) These experiences boosted his confidence. (4) He felt elated as he was alive.</p>
	<p>Directions: Given below are some idioms/phrases followed by four alternative meanings to each. Choose the response (1), (2), (3) or (4) which is the most appropriate expression.</p>
21.	<p>A dark horse</p> <p>(1) A black coloured horse (2) A person who wins a race or competition although no one expected him to (3) A person who keeps secrets (4) An ignorant person</p>
22.	<p>A Show-Stopper</p> <p>(1) Someone who stops the show (2) Someone who organizes the show (3) A performance that is extremely good (4) A fashionable person</p>

23.	A jack of all trades (1) Someone who has many skills (3) Someone who has hit the jackpot	(2) A confident and not very serious young men (4) A great businessman
24.	Fight tooth and nail (1) To quarrel with someone (3) To try hard to prevent something from happening	(2) To attack someone with a lot of force (4) To try very hard to achieve something
25.	Fair and square (1) In an honest way (3) Neither very good nor very bad	(2) In a critical way (4) In a foolish way
<p>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.</p>		
26.	<p>S1 : Human beings have the most common trait of airing their individual views and opinions. P : If everybody starts running after his own point of view without caring for others, civilization will soon perish. Q : But we have to live in a society and co-operation is the basis of a civilization. R : Everybody has a right to live and lead his own life but one should be tolerant of other's views. S : What is essential to live happily in this world is a peaceful coexistence to live and let others live. S6 : A rigid and blind self-justification, though a common human weakness, will lead nowhere.</p> <p>(1) PRQS (2) QPSR (3) RQPS (4) SRPQ</p>	
27.	<p>S1 : The release of atomic energy is the greatest achievement which science has yet attained. P : But the first invention to which their discoveries were applied was a bomb. Q : The atom was split by physicists whose minds were set on the search for knowledge. R : It was more deadly than any other weapon invented so far. S : It is with this dread that scientists regard the first use to which their greatest discovery was put. S6 : However, the scientists are gratified by the numerous applications of atomic energy for peaceful and constructive purpose.</p> <p>(1) PQRS (2) SQPR (3) QPRS (4) RSQP</p>	
28.	<p>S1 : Biological evolution has not fitted man to any specific environment. P : It is by no means a biological evolution, but it is a cultural one. Q : His imagination, his reason, his emotional subtlety and toughness, makes it possible for him not to accept the environment but to change. R : And the series of inventions by which man, from age to age, has reshaped his environment is a different kind of evolution. S : Among the multitude of animals which scamper, burrow, swim around us, he is the only one who is not locked in to his environment. S6 : That brilliant sequence of cultural peaks can most appropriately be termed as the ascent of man.</p> <p>(1) QPRS (2) SRQP (3) QRSP (4) SQRP</p>	

38.	The short story (1) / should not exceed (2) / more than two hundred words. (3) / No error (4)
39.	His speech was judged by many (1) / as one of the most important speech (2) / given in the function. (3) / No error (4)
40.	The mother as well as (1) / the children are to be (2) / blamed for this sorry state of affairs. (3) / No error (4)
	<p>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.</p> <p>Job performance is <u>41</u> by a number of factors. Motivation alone does not lead to increased performance. Ability and technology moderate the relationship between motivation and performance. The higher the levels of ability and motivation, the <u>42</u> the level of performance will be. However, increasing motivation beyond an <u>43</u> level tends to <u>44</u> a dysfunctional result because it is <u>45</u> by an increased level of anxiety.</p>
41.	(1) affected (2) effected (3) influenced (4) measured
42.	(1) higher (2) larger (3) lower (4) smaller
43.	(1) certain (2) desired (3) increased (4) optimal
44.	(1) deduce (2) introduce (3) produce (4) reduce
45.	(1) abandoned (2) accompanied (3) affiliated (4) amalgamated
	<p>Directions: For the following groups of words, four options are given below each. Choose the one that could best replace the given group of words.</p>
46.	My sister can use her left hand and the right hand equally well . She is _____. (1) amble (2) ambivert (3) ambidextrous (4) ambiguous
47.	Everyone in the meeting praised Rama for his presentation, suddenly Rakesh from behind stood up to raise his opposition . Rakesh is a _____. (1) protagonist (2) sidekick (3) antagonist (4) comrade
48.	The centre of attraction of the inner circle is personal piety, combined with a “penny a week and a shilling a quarter”. (1) cynosure (2) central (3) enclosure (4) sphere
49.	Obviously he isn't cut up to be a good teacher. (1) cut out (2) cut in (3) cut for (4) No improvement
50.	He has for good left India. (1) He has left for good India. (2) He has left India for good. (3) Good he has left India (4) No improvement

SECTION II: GENERAL AWARENESS

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

51.	If each child is given 10 sweets, there are 3 sweets left over. But if each is given 12, then the number of sweets is 4 less. Find the number sweets? (1) 37 (2) 57 (3) 73 (4) 75
52.	Simran buys an article for 10% less than its value and sells it for 10% more than its value. Her gain or loss percent is: - (1) no loss ; no profit (2) 20% profit (3) less than 20% profit (4) more than 20% profit
53.	Four different electronic devices make a beep after every 30 minutes, 1 hour, $1\frac{1}{2}$ hour and 1 hour 45 minutes respectively. All the devices beeped together at 12 noon. They will again beep together at :- (1) 12 midnight (2) 3 AM (3) 6 Am (4) 9 AM
54.	Narges Mohammadi, who won 2023 Nobel Prize for Peace, is from which country? (1) Israel (2) Iran (3) UAE (4) Oman
55.	The Chandrayaan 3 mission's rover is known as: - (1) Vikram (2) Bheem (3) Pragyaa (4) Dhruv
56.	Two similarly charged bodies are kept 5cm apart in air. If the second body is shifted away from the first by another 5cm, their force of repulsion will be: - (1) doubled (2) halved (3) quadrupled (4) reduced to one fourth
57.	Graphite is much better conductor of heat and electricity than diamond. This is due to the fact that each carbon atom in graphite is: - (1) undergoes sp^2 – hybridisation and form three sigma bonds with three neighbouring carbon atoms (2) under goes sp^3 – hybridisation (3) is tetrahedrally bonded (4) is free from van-der- Waal's force
58.	In blood, platelets are required for: - (1) transporting oxygen (2) transporting carbon dioxide (3) initiating blood clotting (4) initiating degradation of urea
59.	October 26, 1947 is an important date in the Indian history because of (1) Maharaja Hari Singh's Signing on Instrument of Accession (2) Ceasefire with Pakistan (3) Declaration of war over India by Pakistan (4) Merger of Sind
60.	Rain bearing clouds look black because :- (1) All light is scattered by them (2) the large number of water droplets in them absorb all the sunlight (3) They reflect the sunlight back into the atmosphere (4) There is a lot of dust condensed on the water vapour in such clouds
61.	The sum of n terms of the series $\sqrt{3} + \sqrt{12} + \sqrt{27} + \sqrt{48} + \dots +$, is :- (1) $\frac{2n(n+1)}{\sqrt{3}}$ (2) $\frac{\sqrt{3} n(n-1)}{2}$ (3) $\frac{\sqrt{3} n(n+1)}{2}$ (4) $\frac{2n(n-1)}{\sqrt{3}}$
62.	Gurleen is walking at a speed of 10 kilometres per hour. After every kilometre she takes rest for 5 minutes. The time taken to cover a distance of 5 kilometres by Gurleen is: - (1) 30 minutes (2) 35 minutes (3) 50 minutes (4) 55 minutes
63.	The sum of the digits of two-digit number is 9. If 27 is added to it, the digits of the number get reversed. The number is :- (1) 25 (2) 72 (3) 63 (4) 36
64.	India accords the highest honour in terms of protocol by inviting a country's head to be the Chief Guest at Republic Day Celebrations. Who was the Chief Guest for Republic Day Celebrations 2024:- (1) Russia's President Vladimir Putin (2) UK's PM Rishi Sunak (3) France's President Emmanuel Macron (4) U.S. President Joe Biden

65.	Which country supplied the Apache attack helicopters to India? (1) Japan (2) France (3) USA (4) Israel
66.	An endothermic reaction is accompanied by: - (1) evolution of light and water (2) evolution of heat (3) absorption of heat (4) none of the above
67.	Aluminium is more reactive than iron but aluminium is less easily corroded than iron, because: - (1) oxygen forms a protective oxide layer (2) it is a noble metal (3) iron undergoes reaction easily with water (4) iron forms ions
68.	Who among the following was the first Governor General of India? (1) Lord Amherst (2) Lord William Bentinck (3) Sir Charles Metcalfe (4) Robert Clive
69.	Which one among the following prompted Rabindranath Tagore to surrender his title of 'Sir'? (1) The passing of the Rowlatt Act (2) The passing of the Act of 1919 (3) To support Mahatma Gandhi's Satyagraha Movement (4) To protest against the massacre at Jallianwala Bagh and the imposition of martial law in Punjab
70.	The country that shares longest border with India is (1) China (2) Bangladesh (3) Nepal (4) Pakistan
71.	The average of two numbers is 6.5 and square root of their product is 6. What are the numbers? (1) 11 and 2 (2) 8 and 5 (3) 9 and 4 (4) 10 and 3
72.	A wire can be bent in the form of a circle of radius 56 cm. If it is bent in the form of a square, then its area will be: - (1) 3520 cm ² (2) 6400 cm ² (3) 7744 cm ² (4) 8800 cm ²
73.	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) $\frac{9}{25}$
74.	Which of the following film has been adjudged as the Best Feature Film for the year 2021 in the 69 th National Film Awards in New Delhi? (1) RRR (2) Rocketry: The Nambi Effect (3) Gangubai Kathiawadi (4) The Kashmir Files
75.	When brakes are suddenly applied in a moving bus, then the passengers sitting in it fall in the forward direction. This can be explained by: - (1) The Theory of Relativity (2) Newton's First Law (3) Newton's Second Law (4) Newton's Third Law
76.	Metalloids are: - (1) alloys of alkali metals with other metals (2) colloids of metals (3) elements having some properties of metals and non-metals (4) metals heavier than Lead
77.	The most peculiar feature shown by all living organisms is: - (1) excretion (2) autotrophic nature (3) transpiration (4) cellular structure
78.	The Treaty of Amritsar was concluded between Maharaja Ranjit Singh and who of the following? (1) Lord Cornwallis (2) Lord Dalhousie (3) Lord Hastings (4) Lord Minto
79.	Which was the 'privy purse' in the context of the history of modern India? (1) A purse given privately by one organisation to another (2) A purse given by the Government of India to dignitaries for services rendered (3) A grant given by the Government of India to the erstwhile Princes of India (4) A gift given by an erstwhile Prince of India to the Government of India

80.	Why do we have a leap year every four years? (1) The Earth gets shifted out of orbit every four year (2) The revolution slows down a little once every four year (3) The length of a year is not an integer number of days (4) It is a convention
81.	The decimal expansion of number $\frac{441}{2^2 \times 5^3 \times 7}$ has :- (1) terminating decimal (2) non terminating decimal (3) non-terminating and non-repeating (4) terminating after two places of decimal
82.	The mean of 'n' observations is \bar{x} . If the first observation is increased by 1, the second by 2, the third by 3, and so on, the new mean is: - (1) $\bar{x} + (2n+1)$ (2) $\bar{x} + \frac{n+1}{2}$ (3) $\bar{x} + (n+1)$ (4) $\bar{x} - \frac{n+1}{2}$
83.	Mode is : (1) least frequent value (2) middle most value (3) most frequent value (4) none of these
84.	Which of the following is not the member of the G20? (1) Indonesia (2) Singapore (3) Mexico (4) Turkey
85.	A piece of paper and a coin, both having the same mass are dropped from the 10 th floor of a building. The piece of paper would take more time to reach the ground because: - (1) gravitational force on the paper is less than the coin (2) buoyant force on the piece of paper is more than that on the coin (3) buoyant force on the coin is more and it acts in the downward direction (4) the piece of paper takes longer path to reach the ground
86.	A pressure cooker works on the principle of: - (1) elevation of boiling point of water by the application of pressure (2) making the food grains softer by the application of pressure (3) making the food grains softer by application of pressure and temperature (4) keeping the food grains inside steam for a longer time
87.	After diagnosis of disease in a person, the Doctor advises the patient iron and folic acid tablets. The person is suffering from: - (1) osteoporosis (2) anaemia (3) goitre (4) protein – energy malnutrition
88.	With which one of the following did the civil disobedience movement in India commence? (1) The Dandi March (2) No Tax campaign by Sardar Patel (3) The unfurling of the National flag by Nehru (4) Mahatma Gandhi's going on fast
89.	Subhash Chandra Bose started the 'Azad Hind Radio' in which one of the following countries? (1) Japan (2) Austria (3) Germany (4) Malaysia
90.	Which one of the following is a human right as well as a Fundamental Rights under the Constitution of India? (1) Right to Information (2) Right to Education (3) Right to Work (4) Right to Housing
91.	12 men can do a piece of work in 24 days. How many days are needed to complete the work, if 8 men do this work? (1) 28 (2) 36 (3) 48 (4) 52
92.	The probability of getting a bad apple in a box of 400 apples is 0.035. The total number of bad apples are: - (1) 7 (2) 14 (3) 21 (4) 28
93.	The smallest irrational number by which $\sqrt{18}$ should be multiplied so as to get a rational number is : (1) $\sqrt{18}$ (2) $\sqrt{2}$ (3) $2\sqrt{2}$ (4) 2
94.	During the inaugural session of the two-day G20 Summit, Prime Minister Narendra Modi declared that the African Union (AU) had been granted permanent membership in the G20. How many countries are in the African Union? (1) 27 (2) 55 (3) 57 (4) 59

95.	White light while passing through a glass prism breaks into light of different colour because: - (1) refractive index of glass for different colours of light is different (2) glass prism absorbs white light and emits light of several colours in different directions (3) of total internal reflection of white light on surfaces of the prism (4) of the interference of different colours inside the prism
96.	Base turns red litmus blue and acids turn blue litmus red. A student tested a liquid with a red litmus paper and it stayed red with no change. This shows the liquid: - (1) must be pure water (2) must be acid (3) is not a base (4) is neither base nor acid
97.	Which one of the following is a genetic disorder? (1) Bronchitis (2) Night Blindness (3) Osteoporosis (4) Sickle-cell Anaemia
98.	Which one among the following Indus civilisation was known for water management ? (1) Lothal (2) Mohenjodaro (3) Harappa (4) Dholavira
99.	Which one of the following is the oldest mountain range in India? (1) Himalayas (2) Aravalli (3) Satpura (4) Nilgiri
100.	The category of Overseas citizens of India was entered in the citizenship Act of India, through an amendment in the year: (1) 1986 (2) 1992 (3) 1996 (4) 2003
101.	Priya purchased 20 dozen notebooks at 48 per dozen. She sold 8 dozen at 10% profit and the remaining 12 dozen with 20% profit. What is her profit percentage in the transaction? (1) 7.68 (2) 15 (3) 16 (4) 19.2
102.	Two dices are thrown open together. The probability of getting the difference of numbers on their upper faces equal to 2, is: - (1) $\frac{5}{9}$ (2) $\frac{4}{9}$ (3) $\frac{1}{3}$ (4) $\frac{2}{9}$
103.	The 9 th term of an A.P. is 449 and 449 th term is 9. The term which is equal to zero is :- (1) 501 th (2) 502 th (3) 458 th (4) None of these
104.	Who was awarded Dada Sahib Phalke India's highest award in the field of cinema for the year 2021 at the 69 th National Film Awards Ceremony, exemplifying 'Strength of Bharatiya Nari'? (1) Asha Parekh (2) Waheeda Rehman (3) Lata Mangeshkar (4) Rekha
105.	Which among the following is the necessary condition of Simple Harmonic Motion? (1) displacement and torque are proportional (2) constant acceleration (3) displacement and acceleration are proportional (4) constant speed
106.	Which one of the following is the chemical name for Baking Soda? (1) Sodium Bicarbonate (sodium hydrogen carbonate) (2) Sodium Carbonate (3) Potassium Bicarbonate (potassium hydrogen carbonate) (4) Potassium carbonate
107.	In digestive system of living organism, which among the following statement is correct? (1) glucose is broken down into glycerol (2) glucose is converted into glycogen (3) glucose is broken down into carbon dioxide and water (4) proteins are broken down into amino acids
108.	Who among the following Chinese travellers visited the Kingdoms of Harshavardhana and Kumar Bhaskar Varma? (1) I-Tsing (2) Fa-Hien (3) Hiuen Tsang (4) Sun Shuyun
109.	Which one of the following lakes in India has the highest water salinity? (1) Dal (2) Chilka (3) Wular (4) Sambhar
110.	Which one among the following is not included in the Fundamental Rights embodied in the Constitution of India? (1) Right to Equality (2) Right to Freedom (3) Right against Exploitation (4) Right to Information
111.	In an examination of 'n' questions, a student replied 15 out of first 20 questions correctly. Of the remaining questions, he answered one-third correctly. All the questions have the same credit. If the student gets 50% marks, the value of 'n' is: - (1) 20 (2) 40 (3) 50 (4) 100

112.	One year ago the ratio of the ages of Sarika and Simreen was 3 : 4 respectively. One year hence the ratio of their ages will be 10 : 13 respectively. What is Sarika's present age? (1) 18 years (2) 22 years (3) 19 years (4) 17 years
113.	Who is called the 'Father of Green Revolution' of India? (1) Verghese Kurien (2) M S Swaminathan (3) Dhyan Chand (4) Vikram Sarabhai
114.	The Captain of 2024 champion team of Women's Premier League (TATA WPL 2024) a women's franchise Twenty20 cricket league, is :- (1) Shefali Verma (2) Harmanpreet Kaur (3) Smriti Madhana (4) Richa Ghosh
115.	Three resistances 2Ω , 3Ω and 5Ω are connected in parallel and potential difference of 20V is applied across the terminals of the combination. The potential difference across 3Ω resistance will be: - (1) 20V (2) 9V (3) 6V (4) 3V
116.	Graphite is used in nuclear reactor: - (1) as a lubricant (2) for lining the inside of the reactor as insulator (3) as a fuel (4) for reducing the velocity of the neutrons
117.	Which among the following is the hardest part of our body? (1) skull bones of head (2) thumb nails (3) enamel of teeth (4) spinal vertebra
118.	The site of Harappa is located on the banks of which river? (1) Saraswati (2) Indus (3) Beas (4) Ravi
119.	Which one of the following zones of the atmosphere is rich in ozone gas? (1) Mesosphere (2) Troposphere (3) Stratosphere (4) Ionosphere
120.	While a proclamation of emergency is in operation, the duration of the Lok Sabha can be extended for a period (1) not exceeding three months (2) not exceeding three months (3) of one year at a time (4) of two years at a time

(Space for Rough Work)

(Space for Rough Work)