

WISDOM DEFENCE ACADEMY – 9671861500

RMS CET – 2019 (Exam held on 22.12.2019)

Directorate General of Military Training/MT-15

**Question Paper For Admission To Rashtriya Military Schools
At Chail, Ajmer, Belgaum, Bengaluru and Dholpur
For Class IX - 9th For The Academic Session 2020-21**

**Class
IX – 9th**

Roll No. _____

Set -

Question Booklet No. _____

Sections	Questions	Maximum Marks	Correct Answers	Marks Scored
SCIENCE	50 Questions (Q.No. 1 to 50)	50 Marks		
Mathematics	50 Questions (Q.No. 51 to 100)	50 Marks		
ENGLISH	50 Questions (Q.No. 101 to 150)	50 Marks		
SOCIAL SCIENCE	30 Questions (Q.No. 151 to 180)	30 Marks		
HINDI (हिन्दी)	20 Questions (Q.No. 181 to 200)	20 Marks		
Total	200 Questions (Q.No. 1 to 200)	200 Marks		

INSTRUCTIONS

1. The maximum time for all four subjects is 2 hrs 30 min.
2. All questions are **COMPULSORY** and **OBJECTIVE TYPE** with Multiple Choice Answers.
3. **THERE IS NO NEGATIVE MARKING** for Wrong Answers.
4. This question paper is only for English Medium Students.
5. Please use **BLACK/BLUE** Ball Point Pen to completely darken the circles corresponding to the correct answers.
6. The candidates must darken only one circle. If more than one circles darkened, it will be treated as wrong answer.

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SCIENCE

Q.1: The numerical ratio of displacement to distance for a moving object is:

- (a) Always less than 1
- (b) Equal to or more than 1
- (c) Always more than 1
- (d) Equal to or less than 1

Q.2: If we release a magnet held in our hand, it falls to the ground. The force which makes the magnet fall down is an example of:

- (a) Balanced force
- (b) Unbalanced force
- (c) Magnetic force
- (d) Muscular force

Q.3: A car is moving through a crowded market, the motion of car is an example of:

- (a) Periodic motion
- (b) Uniform motion
- (c) Non-Uniform motion
- (d) Both (a) and (b)

Q.4: The maximum displacement of a body from its mean position is called:

- (a) Amplitude
- (b) Time period
- (c) Frequency
- (d) None of these

Q.5: Unit of pressure is _____ .

- (a) Newton
- (b) Pascal
- (c) Dyne
- (d) Joule

Q.6: A hot utensil is kept away from the flame to cool down, transfers heat to the surroundings by which process:

- (a) Conduction
- (b) Convection
- (c) Radiation
- (d) Both (a) and (b)

Q.7: Swimming pools appear shallower than they actually are; it is because of which phenomenon?

- (a) Reflection of light
- (b) Refraction of light
- (c) Dispersion of light
- (d) Scattering of light

Q.8: Which colour of light is dispersed most by a prism?

- (a) Yellow
- (b) Red
- (c) Blue
- (d) Green

Q.9: Ball bearings in machines are used to:

- (a) Decrease friction
- (b) Decrease surface area
- (c) Remove contact force
- (d) Increase lubrication

Q.10: Students were asked to arrange forces due to rolling, static and sliding frictions in decreasing order.

The correct arrangement is:

- (a) Rolling, Static, Sliding
- (b) Rolling, Sliding, Static
- (c) Static, Sliding, Rolling
- (d) Sliding, Static, Rolling

Q.11: 1 Newton is equal to:

- (a) 10^2 dyne
- (b) 10^4 dyne
- (c) 10^3 dyne
- (d) 10^5 dyne

Q.12: The speed of sound is lowest in:

- (a) Solids
- (b) Liquids
- (c) Gases
- (d) Vacuum

Q.13: The image formed by a plane mirror is always:

- (a) Real and inverted
- (b) Real and erect
- (c) Virtual and inverted
- (d) Virtual and erect

Q.14: Seismic focus for earthquake is also known as:

- (a) Pericentre
- (b) Radial centre
- (c) Epicentre
- (d) Hypocentre

Q.15: If the angle of reflection is 55 degrees, then the angle of incidence will be:

- (a) 45 degrees
- (b) 90 degrees
- (c) 55 degrees
- (d) 35 degrees

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Q.16: On passing electric current through solution of electrolyte, the solution experiences:

- (a) Magnetic effect (b) Heating effect
(c) Chemical effect (d) None of these

Q.17: Which of the following atoms can exist independently?

- (a) Hydrogen (b) Helium
(c) Oxygen (d) Nitrogen

Q.18: The combined mass of protons and neutrons in the nucleus of an atom is called:

- (a) Atomic number (b) Atomic mass
(c) Molecular mass (d) Molecular number

Q.19: Formation of ion is a result of loss or gain of:

- (a) Electron (b) Proton
(c) Neutron (d) Atom

Q.20: Which of the following is the least reactive metal?

- (a) Gold (b) Aluminium
(c) Copper (d) Silver

Q.21: Which of the following is used to freeze food?

- (a) Hydrogen (b) Liquid Hydrogen
(c) Liquid Nitrogen (d) Nitrogen

Q.22: Diamond and graphite are:

- (a) Isomers (b) Isotopes
(c) Allotropes (d) Polymers

Q.23: Which of these can you substitute for glass in windows?

- (a) Polythene (b) PVC
(c) Perspex (d) Teflon

Q.24: Metal A dipped in a salt of metal B and displaces B from the solution. This shows that:

- (a) A is more reactive than B
(b) B is more reactive than A
(c) Both A and B are equally reactive
(d) None of these

Q.25: Which of these is an electrolyte?

- (a) A metal (b) Pure water containing salt
(c) Sugar solution (d) All of the above

Q.26: Which of the following fuels has the highest calorific value?

- (a) Hydrogen (b) LPG
(c) Petrol (d) Natural Gas

Q.27: Iron is electroplated with _____ to protect it from corrosion.

- (a) Tin (b) Copper
(c) Silver (d) Chromium

Q.28: Ozone gas is:

- (a) [O] (b) O₂ (c) OZn (d) O₃

Q.29: The dark zone of a candle flame is:

- (a) Region around the wick
(b) Base close to wick
(c) Middle region of flame
(d) Outer region of flame

Q.30: Water should not be used as extinguishing agent for fires caused by:

- (a) Oil (b) Electricity
(c) Both (a) and (b) (d) Burning of wood

Q.31: Cod liver oil contains:

- (a) Vitamin A (b) Vitamin D
(c) Omega 3 fatty acids (d) All of the above

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Q.32: Conversion of ammonia into nitrates is called:

- (a) Nitrification (b) De-nitrification
(c) Ammonification (d) De-ammonification

Q.33: A denitrifying bacterium is:

- (a) Pseudomonas (b) Pseudopodia
(c) Nitrosomonas (d) Nitrobacter

Q.34: When a disease causing microbe enters into our body, defence system produces:

- (a) Antigens (b) Antibodies
(c) Antibiotics (d) Both (a) and (b)

Q.35: The purest natural form of cellulose is:

- (a) Rayon (b) Cotton (c) Wool (d) Silk

Q.36: The cell wall of a plant cell is made up of:

- (a) Cellulose (b) Starch
(c) Glucose (d) Glycogen

Q.37: Which of these are found as both unicellular and multicellular organisms?

- (a) Bacteria (b) Viruses
(c) Algae (d) Protozoa

Q.38: The human fetus remains connected with mother's blood circulation through:

- (a) Oviduct (b) Fimbriae
(c) Umbilical cord (d) Vagina

Q.39: The number of nuclei present in a zygote:

- (a) One (b) Two (c) Three (d) Four

Q.40: Which of the following machines can be used to harvest a crop and also to beat out the grain from the chaff?

- (a) Harvester (b) Combine
(c) Thresher (d) Harrow

Q.41: The microbe which is used for making breads and cakes is:

- (a) Amoeba (b) Yeast
(c) Rhizobium (d) None of these

Q.42: Which term is used for a species which is restricted to a particular area?

- (a) Extinct species (b) Endangered species
(c) Endemic species (d) Fauna

Q.43: In _____, the offspring grows out of the parent's body.

- (a) Hydra (b) Amoeba
(c) Paramecium (d) Human

Q.44: A tadpole develops into an adult frog by the process of:

- (a) Fertilization (b) Metamorphosis
(c) Embedding (d) Budding

Q.45: Which of these is not a secondary sexual characteristic?

- (a) Increase in height
(b) Release of testosterone
(c) Voice change
(d) Hair growth on body

Q.46: The smallest animal cells are:

- (a) Nerve Cells (b) Muscle Cells
(c) Red Blood Cells (RBCs) (d) Platelet Cells

Q.47: The entire content of a living cell is known as:

- (a) Protoplasm (b) Nucleoplasm
(c) Cytoplasm (d) None of these

Q.48: The constellation Ursa Minor consists of:

- (a) 5 stars (b) 7 stars (c) 9 stars (d) 13 stars

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Q.49: What is the source of electric current in an artificial satellite?

- (a) A mini nuclear reactor (b) A dynamo
(c) A thermopile (d) Solar cells

Q.50: The device used for converting mechanical energy into electrical energy is called:

- (a) Cell (b) Transformer
(c) Dynamo (d) Electric motor

MATHEMATICS

Q.51: The value of $\sqrt{2\frac{1}{4}}$ is:

- (a) $2\frac{1}{2}$ (b) $1\frac{1}{2}$
(c) $1\frac{1}{4}$ (d) None of these

Q.52: The simplest value of $(1\frac{3}{10})^3$ is:

- (a) $1\frac{27}{1000}$ (b) $2\frac{27}{1000}$
(c) $2\frac{197}{1000}$ (d) $3\frac{27}{1000}$

Q.53: By what least number we should divide 1536 to make it a perfect cube?

- (a) 3 (b) 6 (c) 9 (d) 8

Q.54: If $p = 3$ and $q = 5$,

then the value of $(\frac{1}{p} + \frac{1}{q})^p$ is:

- (a) $\frac{3375}{512}$ (b) $\frac{512}{3375}$ (c) $\frac{512}{225}$ (d) $\frac{64}{225}$

Q.55: If $x = 10$, then the value of $(4x^2 + 20x + 25)$ will be:

- (a) 256 (b) 425 (c) 625 (d) 575

Q.56: The marked price of an article is Rs. 1,000/-, If a discount of 10% is allowed on it, then find its selling price.

- (a) Rs. 800/- (b) Rs. 900/-
(c) Rs. 1,100/- (d) Rs. 990/-

Q.57: A number when decreased by $27\frac{1}{2}\%$ gives 87.

The number is:

- (a) 58 (b) 110 (c) 120 (d) 135

Q.58: If $p(x) = 5x^{25} - 3x^{12} + 2x$, then the value of $p(1)$ is:

- (a) 2 (b) 3 (c) 4 (d) 5

Q.59: The cost of a calculator is Rs. 750/-. The sales tax charged on it is 5%. Then its selling price is:

- (a) Rs. 768.50 (b) Rs. 778.50
(c) Rs. 787.50 (d) Rs. 788.50

Q.60: A circle having diameter 30 cm has a chord of 24 cm. The distance of the chord from its center is:

- (a) 9 cm (b) 15 cm (c) 12 cm (d) 13 cm

Q.61: The sum of heights of a certain number of players is 745 cm and the mean height is 149 cm. The number of players are:

- (a) 8 (b) 9 (c) 5 (d) 6

Q.62: The factors of $(ab - mn + an - bm)$

- (a) $(a - b)(m - n)$ (b) $(a - m)(b + n)$
(c) $(a - n)(m + b)$ (d) $(m - a)(n - b)$

Q.63: The diagonal of a rectangle is inclined to one side of the rectangle at 25° . The acute angle between the diagonal is:

- (a) 55° (b) 50° (c) 40° (d) 25°

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Q.64: The value of $(3^{24} \times 3^{26} - 3^{18} \times 3^{17} \times 3^{15})$ is:

- (a) 27 (b) 3 (c) 9 (d) 0

Q.65: The value of $(502)^2 - (498)^2$ is:

- (a) 4000×10^0 (b) 4000×10^1
(c) 4000×10^2 (d) 4000×10^{-1}

Q.66: (1X2Y6Z) is a number divisible by 9, then the least possible value of (X + Y + Z) is:

- (a) 0 (b) 1 (c) 2 (d) 3

Q.67: If (0, k) are the coordinates of a point, it will exist at which of the following:

- (a) Origin (b) x-axis
(c) y-axis (d) None of these

Q.68: The factors of the expression $(a + b)^2 - 4ab$ are:

- (a) $(a + b)(a - b)$ (b) $(a - b)^2$
(c) $(a + b)^2$ (d) $(a^2 + b^2)$

Q.69: 'x' and 'y' are inverse variation then which of the following is correct?

- (a) $x - y = \text{constant}$ (b) $x + y = \text{constant}$
(c) $xy = \text{constant}$ (d) $x/y = \text{constant}$

Q.70: If base area of a room is 12 m^2 and height is 300 cm, then the volume is:

- (a) 4 m^3 (b) 12 m^3 (c) 18 m^3 (d) 36 m^3

Q.71: What will be the value of 'x' in Pythagorean triplet (6, 8, x)?

- (a) 5 (b) 7 (c) 10 (d) 11

Q.72: The product of $(a + 1)(a - 1)(a^2 + 1)$ is:

- (a) $a^4 + 1$ (b) $a^4 - 1$
(c) 0 (d) 1

Q.73: Simplify the given expression:

$$[(x - y)(x + y) + (y - z)(y + z) + (z - x)(z + x)]$$

- (a) $xy + yz + zx$ (b) $x^2 + y^2 + z^2$
(c) 1 (d) 0

Q.74: If $(\frac{3}{2}x - 7) = 5x + 14$, then the value of 'x' is:

- (a) 9 (b) -6 (c) 6 (d) -7

Q.75: The value of $\sqrt[3]{-729}$ is:

- (a) 9 (b) -9 (c) 6 (d) -7

Q.76: A box contains 600 screws in which one-tenth are not good. One screw is taken out at random from this box. Find the probability that it is a good screw?

- (a) 1/10 (b) 9/10
(c) 1/60 (d) None of these

Q.77: The base radius and height of a cylinder are 5 cm and 10 cm respectively. Then its total surface area is:

- (a) $150\pi \text{ cm}^2$ (b) $300\pi \text{ cm}^2$
(c) 150 cm^2 (d) 300 cm^2

Q.78: A quadrilateral ABCD is a parallelogram if:

- (a) $AB = CD$
(b) $AB < BC$
(c) Angle A = 60° , Angle C = 60° and Angle B = 120°
(d) $AB = AD$

Q.79: All the angles of a regular polygon are of:

- (a) 90° (b) 60°
(c) equal measure (d) equal length

Q.80: The length of parallel sides of a trapezium are 14 cm and 6 cm and its height is 5 cm. Find the area.

- (a) 50 cm^2 (b) 100 cm^2 (c) 210 cm^2 (d) 10 cm^2

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Q.81: The square of a proper fraction is:

- (a) larger than the fraction
- (b) smaller than the fraction
- (c) equal to the fraction
- (d) None of these

Q.82: The value of (57+23) is:

- (a) 1/4
- (b) 80
- (c) 1/8
- (d) – 80

Q.83: 216 is the multiplicative inverse of:

- (a) 2^{-8}
- (b) 3^5
- (c) 6^{-3}
- (d) 2^4

Q.84: Value of Charge on an electron is 0.0000000000000000016 coulombs. In exponential form it can be written as:

- (a) 16×10^{-18} coulomb
- (b) 1.6×10^{-21} coulomb
- (c) 1.6×10^{-19} coulomb
- (d) 16×20^{-21} coulomb

Q.85: The formula for the area of an equilateral triangle having side 'a' is:

- (a) $\frac{1}{2} a^2$
- (b) $\frac{1}{2} a^3$
- (c) a^3
- (d) $\frac{\sqrt{3}}{4} a^2$

Q.86: Two numbers are in the ration 5 : 3. If they differ by 18, what are the numbers?

- (a) 45 and 27
- (b) 50 and 32
- (c) 40 and 22
- (d) None of these

Q.87: Sides of a rectangle are in the ratio 14 : 3. If the perimeter of the rectangle is 170 cm, find the length?

- (a) 42 cm
- (b) 6 cm
- (c) 70 cm
- (d) 150 cm

Q.88: The value of $\left(\frac{5^{-1} \times 8^2}{2^{-3} \times 10^{-1}}\right)$ is:

- (a) 1024
- (b) 1240
- (c) 2410
- (d) 1420

Q.89: Two adjacent angles of a parallelogram are 2:3.

Find the measure of its smaller angle?

- (a) 72°
- (b) 80°
- (c) 100°
- (d) 36°

Q.90: Which is the greatest 4 digit perfect square?

- (a) 9999
- (b) 9990
- (c) 9800
- (d) 9801

Q.91: What is the length of the side of a square whose area is 441 cm² ?

- (a) 21 cm
- (b) 22 cm
- (c) 20 cm
- (d) 12 cm

Q.92: In a right angle triangle ABC, right angled at B, AB = 6 cm, BC = 8 cm, then AC is:

- (a) 14 cm
- (b) 12 cm
- (c) 21 cm
- (d) 10 cm

Q.93: What is the length of the diagonal of a rectangle having dimensions 3 cm and 4 cm?

- (a) 5 cm
- (b) 7 cm
- (c) 1 cm
- (d) 4 cm

Q.94: By which smallest number 90 must be multiplied so as to make it a perfect square?

- (a) 5
- (b) 2
- (c) 10
- (d) 3

Q.95: The range of the given data (values):

6, 14, 20, 16, 6, 5, 4, 18, 25, 15, 5 is.

- (a) 25
- (b) 22
- (c) 20
- (d) 21

Q.96: Each prime factor appears ___ times in its cube?

- (a) 2
- (b) 3
- (c) 1
- (d) 4

Q.97: The smallest natural number by which 135 must be divided to obtain a perfect cube is:

- (a) 5
- (b) 3
- (c) 15
- (d) 9

Q.98: How many cuboids of dimensions 15 cm, 30 cm and 15 cm will be needed to icon a cube?

- (a) 15
- (b) 4
- (c) 30
- (d) 5

Q.99: Find the one's digit of the cube of 149?

- (a) 2
- (b) 3
- (c) 9
- (d) 5

Q.100: Find the ratio of 3 Km to 300 m?

- (a) 10 : 1
- (b) 1 : 10
- (c) 1 : 5
- (d) 2 : 3

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ENGLISH

Directions (Q.No. 101 to 105) Read the passage given below and complete the sentences that follow:

Cheques must be dated and it does not matter if this is a Sunday. A bank will not pay out on a cheque before the date which appears on it. Nor usually will payment be made later than three months after the date appearing on a cheque. The signature on a cheque must correspond exactly with the specimen held by the bank. It does not matter in who's handwriting a cheque is filled provided the signature is in order. Incidentally, the sum payable in words and figures must be correspond and any alterations should be initiated or preferably be signed in full. If you draw two parallel lines across the face of the cheque, it may only be presented through a bank and the bank on which it is drawn will not pay cash across the counter.

When you draw two lines on top left corner of the cheque, it becomes account payee cheque which has to be deposited in the bank account of the beneficiary along with a pay-in slip. The money can only be received in the bank account of the person in whose name the cheque has been written. However, if no such line is drawn, the cheque can be presented at the Teller counter of bank and cash can received instantly.

Q.101: A cheque must have a _____ to get encashed.

- (a) day
- (b) address
- (c) date
- (d) telephone number

Q.102: To get a cheque encashed:

- (a) the writing should tally
- (b) the signature should tally
- (c) it should have two parallel lines at top right
- (d) it should have two parallel lines at top left

Q.103: If two parallel lines are drawn at top left corner of the cheque:

- (a) you get cash in exchange immediately
- (b) it takes a month's time to get it encashed
- (c) it becomes invalid
- (d) it is receive in the bank account of the person in whose name the cheque is made

Q.104: The amount in cheque should be written in:

- (a) in figures only
- (b) in words only
- (c) same in words and figures both
- (d) can be different in words and figures

Q.105: The word in the above passage which means the same as "simple" is:

- (a) correspond
- (b) incidentally
- (c) specimen
- (d) alterations

Directions (Q.No. 106 to 110): Find the correctly spelt word:

Q.106: (a) Exhibition (b) Exhabition
(c) Exhibision (d) Exehibition

Q.107: (a) Enitiative (b) Initiative
(c) Initietive (d) Enitietive

Q.108: (a) Sufisiently (b) Suficeintly
(c) Sufficiently (d) Suficeintly

Q.109: (a) Antisapate (b) Antisipate
(c) Anticapate (d) Anticipate

Q.110: (a) Auxiliary (b) Auxillary
(c) Auxilary (d) Auxilliary

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Directions (Q.No. 111 to 115): In the questions below, the sentences have been given in Active voice. From the given alternatives, choose the one which best expresses the given sentence in Passive voice.

Q.111: You have to finish painting this fence by Friday.

- (a) This fence has to be finished painting by you by Friday.
- (b) This fence is to be finishing painted by you by Friday.
- (c) Painting of this fence has to be painted by you by Friday.
- (d) By Friday you will have finished painting this fence.

Q.112: The dealer will service the scooter for free the first three times.

- (a) The scooter will be serviced for free by the dealer for the first three times.
- (b) The scooter was serviced for free by the dealer for the first three times.
- (c) For the first three times, the dealer will service the scooter for free.
- (d) Servicing of the scooter for free will be done by the dealer for the first three times.

Q.113: The General presented us a detailed battle plan.

- (a) A detailed battle plan will be presented to us by the General.
- (b) The General presents us a detailed battle plan.
- (c) A detailed battle plan was presented to us by the General.
- (d) Presenting of a detailed battle plan was being done by the General to us.

Q.114: The doctor has given me a very painful injection.

- (a) A very painful injection has been given to me by the doctor.
- (b) The doctor gives myself a very painful injection.

(c) A very painful injection is being given to me by the doctor.

(d) Giving of a painful injection to me has been done by the doctor.

Q.115: The speeding car knocked down the pedestrian.

- (a) The car which was speeding has knocked down the pedestrian.
- (b) The pedestrian was knocked down by the speeding car.
- (c) The pedestrian was being knocked down by the car which was speeding.
- (d) Knocking down of the pedestrian has been done by the speeding car.

Directions (Q.No. 116 to 120): In the following questions, a sentence has been given in Direct Speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect Speech.

Q.116: Rakesh says, "Can you prepare a cup of tea for me, Sunita"?

- (a) Rakesh tells Sunita to prepare a cup of tea for him.
- (b) Rakesh tells Sunita if she could prepare a cup of tea for him.
- (c) Rakesh asked Sunita if she can prepare a cup of tea for him.
- (d) Rakesh asks Sunita if she can prepare a cup of tea for him.

Q.117: Anil said, "Ali deserved the prize".

- (a) Anil says that Ali deserves the prize.
- (b) Anil said that Ali deserves the prize.
- (c) Anil said that Ali has deserved the prize.
- (d) Anil said that Ali had deserved the prize.

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Q.118: They said, “We play cricket every Sunday here at the club”.

- (a) They said that they played cricket every Sunday here at the club.
- (b) They said that they played cricket every Sunday there at the club.
- (c) They said that they play cricket every Sunday there at the club.
- (d) They said that they play cricket every Sunday here at the club.

Q.119: “I always drink warm water in the morning.” She said to me.

- (a) She said to me that she always drinks warm water in the morning.
- (b) She said to me she always drank warm water in the morning.
- (c) She said to me she always drinks warm water in the morning.
- (d) She said to me that she always drank warm water in the morning.

Q.120: “Where are you going?” father asked me.

- (a) Father asked me where I am going.
- (b) Father asked me that where you are going.
- (c) Father asked me where I would be going.
- (d) Father asked me where I was going.

Directions (Q.No. 121 to 125): In the following questions choose the word which best expressed the meaning of the given word.

Q.121: COMBAT

- (a) Quarrel (b) Fight (c) Conflict (d) Feud

Q.122: BRIEF

- (a) Limited (b) Small (c) Little (d) Short

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Q.123: VENT

- (a) Opening (b) Stop
- (c) End (d) Past tense of go

Q.124: AUGUST

- (a) Common (b) Ridiculous
- (c) Dignified (d) Petty

Q.125: ALERT

- (a) Energetic (b) Observant
- (c) Intelligent (d) Watchful

Directions (Q.No. 126 to 130): Fill in the blanks by choosing the most appropriate word.

Q.126: I slept _____ nine o'clock.

- (a) till (b) for (c) to (d) with

Q.127: I commenced work _____ 1st May.

- (a) in (b) with (c) until (d) from

Q.128: The child has been missing _____ yesterday.

- (a) for (b) since (c) over (d) in

Q.129: I saw him cutting a big tree _____ a hatchet.

- (a) from (b) for (c) with (d) among

Q.130: An old feud existed _____ the two families.

- (a) between (b) from (c) unto (d) for

Directions (Q.No. 131 to 135): In the following questions choose the correct term (one word) that can be used for the given sentences.

Q.131: One who looks on the dark side of things:

- (a) Optimist (b) Pessimist
- (c) Hypocrite (d) Feminist

Q.132: A government by one:

- (a) Autocracy (b) Democracy
- (c) Aristocracy (d) Anarchy

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Q.133: Study of birds:

- (a) Archaeology (b) Biology
(c) Zoology (d) Ornithology

Q.134: One who doesn't know how to read and write:

- (a) Illegible (b) Illiterate
(c) Unaware (d) Inimitable

Q.135: A life story written by oneself:

- (a) Autobiography (b) Biography
(c) Archaeology (d) Diary

Directions (Q.No. 136 to 140): Complete the following sentences by choosing the most appropriate article.

Q.136: I met a traveler from _____ antique land.

- (a) none (b) the (c) an (d) a

Q.137: Education makes man _____ real man.

- (a) a (b) the (c) none (d) an

Q.138: The mariner had cast _____ spell on him.

- (a) an (b) the (c) a (d) none

Q.139: A conspiracy theory is _____ secret plot designed together.

- (a) the (b) an (c) none (d) a

Q.140: He thanked him for being instrumental in getting _____ role in the film.

- (a) a (b) an (c) the (d) none

Directions (Q.No. 141 to 145): Complete the idioms.

Q.141: Barking dogs seldom _____ .

- (a) attack (b) bite (c) sleep (d) protects

Q.142: The boy tried to read _____ the lines.

- (a) on (b) under
(c) off (d) between

Q.143: Let us call it a _____ !

- (a) morning (b) night
(c) year (d) cray

Q.144: You can't teach old _____ new tricks.

- (a) cat (b) boy (c) dog (d) man

Q.145: It's morning cats and _____ .

- (a) dogs (b) rats (c) cats (d) mews

Directions (Q.No. 146 to 150): Read the following passage and answer the questions that follow:

The world is going ahead at a tremendous speed. But all this progress will be shattered if we do not secure peace. Scientific inventions and advancement of technological knowledge have brought the world closer. If one country suffers, all will suffer to some extent. We have become inter-responsible. This has brought about the necessity of international relationship. People should understand that all human beings are brothers. The narrow bounds of nationalism and patriotism will become obsolete unless we understand the lesson of 'live and let live'. We stand on our last legs. If another war breaks out, it will destroy the entire race of humanity. If we establish love and sympathy, goodwill and happiness among ourselves, we can still save the world from destruction. 'Live and let live' is a sound religion. From Gautama Buddha to Mahatma Gandhi, a number of great persons have pleaded for this mutual love and brotherly feelings. We are the inter-dependent children of the same Father in Heaven. We should, therefore, live in peace. This is the only way by which we can go along the road to progress.

Q.146: All our progress will be destroyed if we:

- (a) kill terrorists (b) nourish ill will
(c) slaughter animals (d) fail to establish peace

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Q.147: Scientific progress has made it necessary:

- (a) to have national relationship
- (b) to have feelings of enmity
- (c) to have international relationship
- (d) None of the above

Q.148: The whole of mankind will be destroyed if:

- (a) epidemic breaks out
- (b) panic starts
- (c) war breaks out
- (d) world was is stopped

Q.149: 'Live and let live' is:

- (a) a wrong principle
- (b) a sound religion
- (c) to be avoided
- (d) only a theoretical concept

Q.150: God implies:

- (a) Father of Heaven
- (b) Devil
- (c) Ruler of Hell
- (d) Unknown

SOCIAL SCIENCE

Q.151: In which year was the first cotton mill setup in India?

- (a) 1837
- (b) 1764
- (c) 1666
- (d) 1854

Q.152: Which word refers to more than one level of government in the country?

- (a) Parliamentary form of Government
- (b) Separation of Powers
- (c) Sovereignty
- (d) Federalism

Q.153: How many Anglo Indian members are nominated in the Lok-Sabha?

- (a) 04
- (b) 05
- (c) 02
- (d) 06

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Q.154: Which article of the constitution guarantees Fundamental Rights to an arrested person?

- (a) Article 35
- (b) Article 20
- (c) Article 25
- (d) Article 22

Q.155: In which year was the Scheduled Castes and Scheduled Tribes Act passed?

- (a) 1980
 - (b) 1989
 - (c) 1971
 - (d) 1974
- Bombay

Q.156: Which factor determines thickness of soil Profile?

- (a) Relief
- (b) Time
- (c) Climate
- (d) Parent rock

Q.157: Which source of energy is known as Buried Sunshine?

- (a) Petroleum
- (b) Coal
- (c) Fire wood
- (d) Nuclear gas

Q.158: In which state Tarapur Nuclear Power Station is located?

- (a) Rajasthan
- (b) Tamil Nadu
- (c) Maharashtra
- (d) Karnataka

Q.159: The number of people living in a unit area of earth's surface is known as:

- (a) Population distribution
- (b) Population density
- (c) Population growth
- (d) Population change

Q.160: The heat energy obtained from the earth is known as:

- (a) Tidal energy
- (b) Nuclear energy
- (c) Geothermal energy
- (d) Hydel energy

Q.161: A heavy gun used by infantry soldiers by the East India Company was:

- (a) Double Barrel Gun
- (b) Enfield Musket
- (c) Matchlock
- (d) Machine Gun

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Q.162: Who proclaimed himself as Peshwa during the Revolt of 1857 near Kanpur?:

- (a) Tantiya Tope (b) Baji Rao
(c) Nana Sahib (d) Ahmadullah Shah

Q.163: The Marathi newspaper Kesari was edited by:

- (a) Bal Gangadhar Tilak (b) Bipin Chandra Pal
(c) Sarojini Naidu (d) Lala Lajpat Rai

Q.164: A book of basic fundamental legal document is known as:

- (a) Preface (b) Preamble
(c) Constitution (d) Rule

Q.165: A state which does not promote any one religion as the State religion is a:

- (a) Theocratic State (b) Secular State
(c) Monarchical State (d) Federal State

Q.166: The Chairman of the Rajya Sabha is:

- (a) Speaker (b) Election Commissioner
(c) Vice President (d) Attorney General

Q.167: FIR means:

- (a) First Indian Report
(b) First Information Report
(c) First Inquisitive Report
(d) Fundamental Indian Report

Q.168: An area or locality that is populated largely by members of a particular community is known as:

- (a) Ghetto (b) Cantonment
(c) Hamlet (d) Colony

Q.169: The growing of food and fodder crops and rearing livestock is called:

- (a) Intensive farming (b) Subsistence farming
(c) Extensive farming (d) Mixed farming

Q.170: Manufacturing comes under which activity?

- (a) Primary (b) Mining
(c) Secondary (d) Tertiary

Q.171: The Third Battle of Panipat was fought in which year?

- (a) 1743 (b) 1752 (c) 1761 (d) 1763

Q.172: The Champaran movement was against:

- (a) Peasants
(b) East India Company
(c) The oppressive attitude of planters
(d) None of the above

Q.173: Portuguese first came to India in search of:

- (a) Cotton (b) Spices (c) Steel (d) Muslin

Q.174: The fight for 'Purna Swaraj' was fought under the President-ship of:

- (a) Mahatma Gandhi
(b) Jawaharlal Nehru
(c) C. Rajagopalachari
(d) Sardar Vallabh Bhai Patel

Q.175: Australia uses largest portion of its area for:

- (a) Pastures (b) Crop land
(c) Forest (d) other uses

Q.176: Which of the following countries usually practice commercial agriculture?

- (a) USA (b) Bangladesh
(c) India (d) Bhutan

Q.177: Which is an important administrative way to regulate executive in Parliament?

- (a) Assembly (b) Zero hour
(c) Question hour (d) None of the above

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Q.178: Article 21 of the Constitution guarantees:

- (a) Right to speech (b) Right to life
(c) Right to freedom (d) None of the above

Q.179: The minorities are forced to live on the margins of economic and social developments, this is known as:

- (a) Malnourished (b) Marginalization
(c) Displaced (d) All of the above

Q.180: Which Article of the Indian Constitution states that Untouchability has been abolished?

- (a) Article 16 (b) Article 18
(c) Article 28 (d) Article 17

HINDI - हिन्दी

**Q.181: कार्यक्रम में अनेक नायक और पधारे थे |
रेखांकित शब्द का लिंग परिवर्तन करके रिक्त स्थान भरें |**

- (a) नायका (b) नायक (c) नायिका (d) नाइक

Q.182: खरगोश गाजर खा रहा है |

रेखांकित क्रिया का भेद लिखिए |

- (a) अकर्मक (b) सकर्मक (c) प्रेरणार्थक (d) द्विकर्मक

Q.183: निम्नलिखित विराम चिन्हों में अर्धविराम कौन सा है?

- (a) | (b) , (c) ! (d) ;

Q.184: 'वास्तविक' शब्द में प्रत्यय है:

- (a) व (b) ईक (c) विक (d) इक

Q.185: बहुब्रिही समास में कौन सा पद प्रधान होता है?

- (a) पहला (b) दूसरा (c) तीसरा (d) दोनों

Q.186: 'आशा घर में ही रहेगी' अव्यय का प्रकार लिखिए:-

- (a) क्रियाविशेषण (b) विस्मयादित
(c) समच्चयय (d) निपात

Q.187: रचना के आधार पर वाक्य के कितने भेद होते हैं?

- (a) दो (b) चार (c) पांच (d) तीन

Q.188: य.र.ल.व. व्यंजन वर्ग को क्या कहते हैं?

- (a) ऊष्म (b) स्पर्श (c) अंतःस्थ (d) संयुक्त

Q.189: आ.ई.ऊ. कौन सी संधि में मुख्य रूप से आते हैं?

- (a) गुण (b) दीर्घ (c) यन (d) अयादि

Q.190: 'यथाशक्ति' शब्द में कौन सा समास है?

- (a) अव्ययीभाव (b) बहुब्रिही
(c) कर्मधारय (d) तत्पुरुष

Q.191: जो शब्द स्त्रीलिंग नहीं है, उसे चुनिए |

- (a) विधवा (b) माला (c) गायिका (d) सन्यासी

Q.192: 'ओंठ' शब्द का शुद्ध रूप है?

- (a) ओष्ठ (b) औष्ठ (c) ओष्ट (d) औष्ठ

Q.193: 'मोहन बहुत चतुर है' वाक्य में प्रविशेषण है:-

- (a) बहुत (b) चतुर (c) मोहन (d) है

Q.194: 'मैं वहाँ जा रहा हूँ जहाँ मोहन रहता है |'

किस प्रकार का वाक्य है?

- (a) मिश्र वाक्य (b) सरल वाक्य
(c) संयुक्त वाक्य (d) साधारण वाक्य

Q.195: 'उँगली पर नचाना' मुहावरे का सही अर्थ है:-

- (a) अपनी इच्छा अनुसार कार्य करवाना
(b) मेल में शक्ति होना
(c) दोनों और संकट होना
(d) पूरा प्रयत्न करना

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Q.196: 'अनिवार्य' शब्द का विलोम शब्द है:-

- (a) ऐच्छिक (b) अनिवार्यता
(c) दक्षिण (d) महत्वपूर्णता

Q.197: 'शायद वह आने वाला है |'
किस प्रकार का वाक्य है?

- (a) संकेतवाचक (b) विधिवाचक
(c) संदेहवाचक (d) कोई नहीं

Q.198: 'तुम्हें यहाँ नहीं आना चाहिए था |'
रेखांकित क्रिया-विशेषण का भेद बताइए:-

- (a) कालवाचक (b) परिमाणवाचक
(c) रीतिवाचक (d) स्थानवाचक

Q.199: 'गुरुमुखी' लिपि किस भाषा की है?

- (a) हिन्दी (b) उर्दू (c) पंजाबी (d) संस्कृत

Q.200: 'घोड़ा' का तत्सम शब्द है:-

- (a) घोटक (b) खेत (c) गर्दभ (d) कोकिल

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