

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE ASKED TO DO SO



DCA ENTRANCE EXAMINATION - IX
DEFENCE CAREER ACADEMY,
AURANGABAD.

As an ISO 9001 : 2008 - Certified

ENT : 2018-2019

TIME : 2.00 Hrs.

MATH & GAT

Sr. No.

MAXIMUM MARKS : 150

QUESTION - BOOKLET

GENERAL INSTRUCTIONS

1. Do not carry any book, paper or any other material with you inside the Examination Hall.
2. Use only Black / Blue ball pen.
3. Keep the Hall Ticket with you ready for scrutiny.
4. Result of this Examination will be displayed on the Notice Board. The Result Sheet will include the successful/ qualified candidates ONLY.
5. All successful candidates indicated on the list shall present themselves for the interview on the same day.
6. This Test Booklet contains 150 items (Questions). Question No. 1 to 150 (MCQ) carry 1 mark each. You have to select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, Choose Only One response for each item.
7. All the answers must be marked on the Answer Sheet only. Do not write anything on this Test Booklet.
8. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR QUESTION ETC. IF SO, GET IT REPLACED BY THE SUPERVISOR.
9. Ask for a separate paper for rough work.

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10. Read the questions carefully, Remember, answers are to be indicated in the Answer Sheet Only. Return the Test Booklet, Rough work papers and the Answer Sheet immediately when asked to do so. You are NOT permitted to take away with you any paper concerning the Examination.

ANSWER SHEET

11. The Answer Sheet contains 150 counts, each subdivided in four { (1) (2) (3) (4) } subdivisions for indicating the correct choice of answers. After having selected the correct choice from the test Booklet, you should indicate that choice by completely blackening the respective circle, DO NOT merely cross the circle. You should indicate correct answer by blackening ONLY ONE circle in each answer. Any answer having more than ONE blackened circle will be treated as a WRONG answer.

12. Before starting the answering ensure that you have filled the complete information at the top of this Answer Sheet. Incomplete Answer Sheet will be regarded as invalid.

THANK YOU AND BEST OF LUCK

C

A

PART - I MATHS

1. If a and b are two whole numbers, then $a - b = c$ will be a whole number if
1) $a < b$ 2) $a > b$ 3) $a = b$ 4) both (2) and (3)
2. Multiplicative identity of a whole number 'a' is
1) 1 2) $1/a$ 3) $a + 1$ 4) $a - 1$
3. If number 'b' is a factor of a number 'a', then 'a' divided by 'b' gives the remainder
1) any number greater than zero 2) any number less than zero
3) zero 4) one
4. Value of $(-1)^{-13}$ is
1) 1 2) -1 3) $\frac{1}{13}$ 4) -13
5. If 'a' and 'b' are two rational numbers then number of rational number between them are
1) one 2) two 3) zero 4) infinite
6. Predecessor of lowest positive integer is
1) zero 2) -1 3) +1 4) none of these
7. $\frac{7 - \frac{1}{9}}{\frac{1}{3} - \frac{1}{2}} = ?$
1) $\frac{11}{54}$ 2) $\frac{11}{-3}$ 3) $\frac{31}{-54}$ 4) $\frac{31}{54}$
8. $\frac{\frac{7}{8} \times 6 \times \frac{2}{3} \times \frac{5}{7} \times 16}{\frac{4}{3} \times 2 \times \frac{38}{7} \times \frac{35}{19}} = ?$
1) $\frac{2}{3}$ 2) $\frac{3}{5}$ 3) $\frac{7}{19}$ 4) $\frac{3}{2}$
9. $4(1.24 - (0.8)^2) + 6 \times \frac{1}{3} = ?$
1) 0 2) 2.13 3) 4 4) 4.4
10. $\frac{5}{6}$ as compared to $\frac{6}{7}$ s
1) greater 2) smaller 3) equal 4) not equal
11. $\frac{5}{7}$ of 35 equals $\frac{5}{2}$ of which number ?
1) 5 2) 7 3) 10 4) 14

12. The set of negative numbers and whole numbers is called as
- 1) natural numbers
 - 2) integers
 - 3) positive numbers
 - 4) 0
13. $ax^{\frac{1}{2}} + ax + 9x^2 + 4$ is an
- 1) algerbic expression
 - 2) polynomial
 - 3) equation in one variable
 - 4) none of these
14. Factorization of $a^2 - 4$ is.
- 1) $(a + 2)(a - 2)$
 - 2) $(a^2 + 2)(a - 2)$
 - 3) $(a^2 + 2)(a^2 + 2)$
 - 4) None of these
15. If $x + \frac{1}{x} = 6$, then $x^2 + \frac{1}{x^2}$ is
- 1) 32
 - 2) 34
 - 3) 36
 - 4) 38
16. Algebraic expression $a^3 - b^3$ has the factors
- 1) $(1 + a+2)(1 + a - 2)$
 - 2) $(1 + a - 2)(1 - a + 2)$
 - 3) $(a - 2)(a^2 + ab + b^2)$
 - 4) $(1 - a + 2)(1 - a - 2)$
17. The number which is neither positive nor negative is
- 1) 1
 - 2) 5
 - 3) 0
 - 4) 10
18. If $a + b = x$ and $ab = y$, then $\frac{1}{a^3} + \frac{1}{b^3}$ is
- 1) $\frac{x^3 - xy}{y^3}$
 - 2) $\frac{x^3 - 3xy}{y^3}$
 - 3) $\frac{x^3 - 3y}{y^3}$
 - 4) $\frac{x^3 - y^3}{xy}$
19. Which of the following has a definite length?
- 1) Ray
 - 2) Straight line
 - 3) Line segment
 - 4) All of these
20. If two lines are perpendicular to the third line, then the two lines are
- 1) perpendicular to each other
 - 2) paraller to each other
 - 3) intersect each other at some point
 - 4) none of these
21. $(-43) - (-12) =$
- 1) + 55
 - 2) -21
 - 3) -31
 - D) +31
22. If one angle is the average of other two angles and the difference of the least and greatest angle is 60° , then the triangle-formed is
- 1) right angled triangle
 - 2) equilateral triangle
 - 3) isoceles triangle
 - 4) scalene triangle
23. If a,b and c are three sides of a triangle, then
- 1) $a + b = c$
 - 2) $a - b > c$
 - 3) $a + b > c$
 - 4) $c > a + b$

24. Two sides of an isosceles triangle are 7 cm and 8cm, then measure of third side is
 1) 7 cm 2) 8 cm 3) 7 cm or 8 cm 4) neither 7 cm nor 8 cm
25. Multiplying a negative integer for odd times gives a result.
 1) positive 2) negative 3) 0 4) none
26. $(-12) \times (-3) \times (+4) \times (-6) =$
 1) - 144 2) -908 3) + 864 4) -864
27. $(-32) \times (-4) \times (+3) \times 0 \times (-6) =$
 1) +27, 648 2) +276, 480 3) zero 4) -27, 648
28. If the dividend and divisor have unlike signs then the quotient will be
 1) positive 2) negative 3) zero 4) None of these
29. Value of $124 \times 4 - 3 + 118 \div 2$
 1) 552 2) 496 3) 553 4) -553
30. 15 of $\frac{1}{5}$ is
 1) $\frac{1}{75}$ 2) $\frac{151}{5}$ 3) 3 4) -3
31. The surface area of a cube whose volume is 64, is
 1) 8 2) 16 3) 32 4) 96
32. The length of a rectangular solid whose volume is 42 m^3 and width and height are 2m and 3m respectively is
 1) 1 2) 2 3) 3 4) 7
33. The ratio of the volume of a cylinder with radius R and height H to the volume of a cylinder with radius H and height R is
 1) $\frac{H}{R}$ 2) $\frac{H}{\pi R}$ 3) $\frac{R}{H}$ 4) $\frac{\pi R}{H}$
34. Number of bricks, each measuring $25\text{cm} \times 12 \text{ cm} \times 6\text{cm}$ needed to construct a wall 8 m long, 6m high and 24cm thick, is
 1) 600 2) 800 3) 1600 4) 6400
35. If surface area of the cube is 216 m^2 , then diagonal of the cube is
 1) 6 2) $6\sqrt{3}$ 3) 24 4) 36
36. The height h of a cylinder is equal to the edge of a cube. If the cylinder and the cube have the same volume, then radius of the cylinder is
 1) $\frac{h}{\sqrt{\pi}}$ 2) $h\sqrt{\pi}$ 3) $\frac{\sqrt{\pi}}{h}$ 4) $\frac{h^2}{\pi}$

37. P is the population of a city at the beginning of a certain year. If population decreases at the rate of R% per annum, then population after n-year is
- 1) $P \times R \times n$ 2) $P \times R \times (n-1)$ 3) $P \left(1 + \frac{R}{100}\right)^n$ 4) $P \left(1 - \frac{R}{100}\right)^n$
38. In order to clear the stock, a shopkeeper offers a certain percent of rebate on the marked price (M.P.) Then the buyer pays
- 1) S.P. discount 2) C.P discount 3) M.P discount 4) M.P - S.P.
39. To convert a given percentage to a fraction
- 1) add 100 2) subtract 100 3) multiply by 100 4) divide by 100
40. Rajesh's salary is reduced by 20%. In order to have his salary back to the original amount, it must be raised by
- 1) 10% 2) 20% 3) 25% 4) 30%
41. If C.P of 25 mangoes is equal to S.P of 30 mangoes, then % loss is
- 1) 10% 2) 12.5% 3) $13\frac{4}{5}\%$ 4) $16\frac{2}{3}\%$
42. Product of two integers with unlike signs is
- 1) negative 2) 0 3) positive 4) none
43. The exponential form of $3 \times 3 \times 3 \times 3$
- 1) 4^3 2) 3^3 3) 3^4 4) 35
44. Subtract - 28 from - 12
- 1) -16 2) + 16 3) + 40 4) -40
45. $156 \times \underline{\hspace{2cm}} = 0$
- 1) 1 2) 0 3) 156 4) -1
46. The median of 30, 17, 43, 39, 40, 18 is
- 1) 30.5 2) 32.5 3) 33.5 4) 34.5
47. Sum of two integers is + 62. If one of the integer is -48 then the other is.
- 1) 112 2) 200 3) 110 4) 116
48. If $x < y < z$, $z < ky$, $x = 0$ and average of the numbers x, y and z is 3 times the median, then value of k is
- 1) -2 2) 3 3) 5.5 4) 8
49. Smallest negative number.
- 1) -1 2) -10 3) 0 4) -20
50. Cube of (-3) is
- 1) +27 2) -9 3) -27 4) -6

51. A 30 m log ladder is leaned against the top of the pole. If the bottom of ladder is 24 m away from the base of the pole on the ground, what is the height of the pole?
 1) 12 2) 18 3) 16 4) 20
52. How many edges does a cube have?
 1) 12 2) 8 3) 4 4) 2
53. What is the degree of polynomial $28 - 9m^2 + 13m^3$
 1) 2 2) 1 3) 3 4) 0
54. Rajendra purchased a Pendrive for Rs. 300 and sold for Rs. 350 what his profit percent ?
 1) 20 % 2) 25 % 3) 45 % 4) 80 %
55. The measure of a semicircular arc is
 1) 90° 2) 260° 3) 360° 4) 180°
56. The square root of 2025 is
 1) 45 2) 54 3) 55 4) 65
57. If $m \propto n$, when $m = 7.5$, $n = 10$
 1) 75 2) 7.05 3) 75.01 4) 0.75
58. A cuboid has edges.
 1) 3 2) 6 3) 9 4) 12
59. The opposite angles of a cyclic quadrilateral are
 1) complementary 2) supplementary 3) both (1) & (2) 4) None of these
60. When we divide $-30n^2$ by $3n$ then quotient will get
 1) $-10n^2$ 2) $-10n$ 3) $10n$ 4) $10n^3$
61. A sack contains 20 kg of rice. How many such sacks are required to fill in 460 kg. of rice.
 1) 230 2) 23 3) 46 4) 64
62. The sum of two number is 39 and their ratio is 5: 8 then find the numbers.
 1) 15,24 2) 35,40 3) 20,32 4) None of these
63. The product of two - digit numbers is 768 and their G.C.D. is 8. Find the product of their u ncommon factors.
 1) 96 2) 20 3) 56 4) 12
64. $(a+2)^3 = [a^3 + b^3 + 3ab (a+2)]$
 1) True 2) False 3) Can't say 4) None of these
65. Numbers whose decimal form is non-terminaeting but is not recurring are called
 1) rational number 2) irrational number 3) perfect square 4) None of these
66. The perimeter of an isosceles triangle is 45 cm. If the length of the non-congruent side is half the length of the congruent sides, find the length of congruent sides.
 1) 4.5 cm 2) 9 m 3) 12 cm 4) 18 m
67. Compound Interest =
 1) A mount - Interest 2) Amount + Principal
 3) Amount - Principal 4) Amount - Principal

68. The perpendicular line drawn through the midpoint of the side of a triangle is called of the triangle.
- 1) angle bisector 2) perpendicular bisector 3) altitude 4) median
69. Total surface area of a cone =
- 1) $\pi r(l+r)$ 2) $2\pi rl$ 3) πrl 4) $\pi r+l$
70. P is a point on the circle with centre O. $l(OP) = 3.5$. Which of the following segments of given length can be the chord of the circle?
- 1) 8 cm 2) 5 cm 3) 8.5 cm 4) 9 cm
71. Solve : $x-3 = 5$, find value of x
- 1) 7 2) 2 3) -8 4) 8
72. The market price of a book is 180 Rs. If the shopkeeper gave it to Asmita for 153 Rs. What is discount that she got ?
- 1) 30 Rs. 2) 333 Rs. 3) 27 Rs. 4) 30 Rs.
73. The ratio of the measures of the consecutive angles of a quadrilateral is 2 : 4 : 6 : 8, What type of quadrilateral is it?
- 1) Parallelogram 2) Kite 3) Trapezium 4) Rectangle
74. What will be the shape of the figure formed in a plane, if all the points which are equidistant from the given point P in the plane are joined?
- 1) Equilateral 2) Square 3) Circle 4) Regular polygon
75. Which is trinomial in the following.
- 1) $8x + 9$ 2) $m^2 - 2m + 6$ 3) $13-17n^2$ 4) $13xyz$

PART - II GAT

- * **Q.76. to 78 : Read the following passage carefully and answer the questions choosing the correct options.**

Wind-power has obvious advantage as it is non-polluting, causes no ecological imbalance, requires no throughput fuel and has extremely low gestation period. After almost a decade of sporadic growth, wind energy finally seems to be stepping out from shadows of alternative technology into the commercial mainstream, worldwide. Even though, India now has an installed base of just over 1600 MW, this is nothing compared to countries such as Germany which meets around 20% of its energy requirements from wind energy.

Wind-power offers long-term price stability too. Not only are generation costs of such projects low, the capital expenditure is comparable to fossil fuel based stations. Wind-power plants have low operating and maintenance costs. Long-term economics work out to be quite favourable for the wind energy. Infact, it is being seen as a solution to sustainable development. By the end of 2001, the installed wind-power was almost 25000 MW.

76. Which one of the following statements is correct?
- 1) Wind-power plants take a long time to get commissioned.
 - 2) Maintenance cost of wind-power plants is high.
 - 3) Wind-power plants lead to violent vibrations
 - 4) Wind-power plants require no fuel
77. Which one of the following statements is correct?
- 1) Installation of wind-power is resisted by environmentalists
 - 2) Generation cost of wind-power plants is high
 - 3) Installation cost of wind-power plants is much higher than of fossil fuel based plants
 - 4) Wind-power is now being commercially harnessed
78. Which one of the following statements is correct?
- 1) In Germany, 25000 MW of electricity is generated by using wind-power
 - 2) Wind-power plants offer no price stability
 - 3) Wind-power is economically viable on long-term basis
 - 4) In America, 20% of the power requirements are met through wind-power.

* **Q.79. to 81 : Read the following passage carefully and answer the questions choosing the correct options.**

The energy crisis has been with us for a long time, and will be with us even longer. Whether Arab oil flows freely or not, it is clear that the world industry cannot be allowed to depend on so fragile a base. The supply of oil can be shut off at whim any time. In any case, the oil wells will run dry in about thirty years. New sources of energy must be found, and this will take time. But it is not likely to restore that sense of copious energy availability we had in the past.

79. In the writer's opinion, the energy crisis:
- 1) Is an outcome of unregulated supply of oil to industries
 - 2) Will subside as soon as the Arab oil begin to flow again
 - 3) Is very likely to lead to the world war
 - 4) Will remain with us for an almost indefinite period of time
80. The phrase 'so fragile a base' refers to the:
- 1) Current energy crisis in the world
 - 2) Uncertainty about the flow of Arab oil
 - 3) Delay in finding the new energy sources
 - 4) Drying up of the oil well in future
81. The type of writing in the given passage could be called:

- 1) Official
- 2) scientific
- 3) popular
- 4) political

FILL IN THE BLANKS

Directions : Choose the word or phrase (a, b, c, or 4) which best completes each sentence.

82. He was..... on the ground, quite still.
1) lain 2) lied 3) laying 4) lying
83. She couldn't see herself in the mirror because of the rising from the hot bath.
1) fog 2) heat 3) smoke 4) steam
84. You'll see it straight in front of you when you turn the corner, you can't it!
1) fail 2) loose 3) miss 4) lose
85. She took an umbrella with her, to..... getting wet.
1) deny 2) avoid 3) prevent 4) resist
86. Luckily, she was not..... injured in the scooter accident.
1) seriously 2) slightly 3) strictly 4) strongly
87. If you want children to be polite, you must..... them up properly.
1) grow 2) bring 3) rise 4) take
88. He's always tense when he has to make a.....
1) discussion 2) pronunciation 3) speech 4) talk

* **Directions : Give the Synonyms of :**

89. Applaud
1) request 2) praise 3) pray 4) flatter
90. Abundant
1) long 2) heavy 3) plentiful 4) excessive
91. Thrive
1) survive 2) revive 3) entertain 4) prosper
92. Economise
1) reduce 2) save 3) minimize 4) accumulate
93. Gruesome
1) dark 2) rude 3) painful 4) horrible
94. Pleasure
1) disappointment 2) happiness 3) grief 4) anxiety

* **Directions : Give the Antonyms of :**

95. Venerate
1) defame 2) abuse 3) criticize 4) accuse
96. Jubilant
1) disturbed 2) scared 3) gloomy 4) quiet
97. Innocent
1) guilty 2) corrupt 3) deadly 4) sinful
98. Reward
1) retribution 2) penalty 3) forfeiture 4) demotion
99. Concealed
1) released 2) disclosed 3) opened 4) publicized
100. Foreigner
1) alien 2) native 3) stranger 4) national

101. In a certain code, COMPUTER is written as RFUVQNPC. How is MEDICINE written in the same code?

- 1) EOJDJEFM 2) EOJDEJFM 3) MFEJDJOE 4) MFEDJJOE

* **Direction : In each of the following questions, four words have been given, out of which four are alike in some manner and the fourth one is different. Choose out the odd one.**

102. 1) Listen 2) Swim 3) Walk 4) Climb

* **Direction : In each of the following questions, a number series is given with one term missing. Choose the correct alternative that will continue the same pattern and fill in the blank spaces.**

103. 5, 16, 49, 104, (.....)

- 1) 115 2) 148 3) 170 4) 181

104. A, B, C and D are playing cards. A and B are partners. D faces towards North. If A faces towards West, then who faces towards South?

- 1) B 2) C 3) D 4) Data inadequate

* **Direction : In each of the following questions, there is a certain relationship between two given words on one side of :: and one word is given on another side of :: while another word is to be found from the given alternatives, having the same relation with this word as the words of the given pair bear. Choose the correct alternative.**

105. Nurture : Neglect :: Denigrate ?

- 1) Reveal 2) Extol 3) Recognise 4) Calumniate

106. Electric charge is measured in _____

- 1) coulombs 2) amperes 3) volts 4) watts

107. The phenomenon of light passing through the object is called.

- 1) reflection 2) refraction 3) dispersion 4) total internal reflection

108. Combustion is an _____

- 1) exothermic reaction 2) endothermic reaction
3) displacement reaction 4) reduction reaction

109. Ozone consists of :

- 1) 3- carbon atoms 2) 3- oxygen atoms
3) 1- carbon & 2- oxygen atoms 4) 1 - oxygen & 2 - hydrogen atoms

110. Energy currency of the cell is.

- 1) ADP 2) FTP 3) ATP 4) all of these

111. Which of the following is an abiotic component?

- 1) Cow 2) Grass 3) Bacteria 4) Temperature

112. In monocot plants roots are of _____ type

- 1) fibrous 2) tap 3) both A & B 4) none of these

113. Animals in class reptilia are _____ blooded.

- 1) cold 2) somewhat warm 3) warm 4) none of these

114. Animal which gives rise to produce babies are known as _____

- 1) oviparous 2) viviparous 3) both A & B 4) none of these

115. Formula to find out pressure is
- 1) $\frac{\text{thrust}}{\text{area}}$ 2) $\frac{\text{area}}{\text{thrust}}$ 3) thrust-area 4) none of these
116. A body can have energy because of its shape or position or configuration this is known as _____ energy
- 1) chemical 2) nuclear 3) potential 4) solar
117. Commercial unit of power is _____
- 1) Ampere 2) kilowatt 3) watt 4) joules
118. Example of phylum mollusc is
- 1) butterfly 2) pila 3) earthworm 4) nereis
119. Scientific name of lion is _____
- 1) panther tigris 2) panther pardus 3) panther leo 4) rosa gallica
120. Which of the following is not used for locomotion by organisms.
- 1) flagella 2) vili 3) pseudopodia 4) cilia
121. The printing press was invented around
- 1) 1450 2) 1550 3) 1650 4) 1498
122. Vasco-da-Gama, The portuguese sailor visited India in
- 1) 1450 2) 1498 3) 1453 4) 1733
123. The followers of Martin Luther are called as
- 1) Catholics 2) Roman 3) Raoman Catholics 4) Protestants
124. How many colonies were established by the British in North America between 1607 A.D. to 1733 A.D.
- 1) 23 2) 14 3) 13 4) 17
125. is regarded as the Father of French Revolution.
- 1) Voltaire 2) Montesquieu 3) Musolini 4) Rousseanu
126. Who introduced the policy of the subsidiary Alliance in India?
- 1) Lord Dalhousie 2) Lord Mountbatton 3) Lord Bentinck 4) Lord Wellesly
127. The Peshwa entered into a subsidiary alliance in 1802.
- 1) Madhavrao 2) Raghunathrao 3) Bajirao II 4) Nanasaheb
128. At the time of the battle of plassey in 1757. Who was the Nawab of Bengal?
- 1) Siraj-ud-Daulah 2) Mir Kasim 3) Shah Alam 4) Mir Jafar
129. Which one of the following does not make substance a resource?
- 1) Utility 2) Value 3) Quantity 4) Measurement
130. Which one of the following is a human made resource?
- 1) Medicines to treat cancer 2) Spring water
3) tropical forest 4) Soil

131. Complete the statement
- Biotic resources are
- 1) derived from living things
 - 2) made by human being
 - 3) derived from non-living things
 - 4) non-living things.
132. Which one of the following is not a factor of soil formation ?
- 1) time
 - 2) soil texture
 - 3) organic mater
 - 4) flowing water
133. Which method is most appropriate to check soil exosin on steep slope?
- 1) shelter belts
 - 2) mulching
 - 3) terrace cultivation
 - 4) agriculture
134. Which one is not forourable for the conservation of nature?
- 1) Switch off the bulb when not in use
 - 2) always close the tap
 - 3) Not to waste agricultural west
 - 4) dispose carrybags after shopping.
135. What does humus mean?
- 1) Soil erosion
 - 2) sediment brought by river
 - 3) organic matter in top soil
 - 4) leaves on grounds
136. Carbon dioxide is an _____ compound.
- 1) organic
 - 2) inorganic
 - 3) biotic
 - 4) none of these
137. _____ are incharge of maintainting law and order within the country.
- 1) traffic police
 - 2) police
 - 3) doctor
 - 4) lawyer
138. Indian Nevy day is celebreted on which of the following.
- 1) 12 Nov.
 - 2) 5 Dec.
 - 3) 12 Sept.
 - 4) 4 Dec.
139. Who was appointed as chancellor or Nalanda University on 30 May 2015.
- 1) APJ Abdul Kalam
 - 2) George Yeo
 - 3) Amartya Sen
 - 4) Jagdish Sen
140. Which country decided to withdraw from organiation of the petroleum Exporting countries (OPEC) in January 2019.
- 1) Qatar
 - 2) Indonesia
 - 3) Iran
 - 4) Israel

* **Questions On "Making of National Movement (1870- 1947)"**

141. Indian National congress was founded in
- 1) 1825
 - 2) 1885
 - 3) 1895
 - 4) 1925
142. was the chairman of drafting committee.
- 1) Dr. Rajendra Prasad
 - 2) Jawaharlal Nehru
 - 3) Sardar Vallabhbhai Patel
 - 4) Dr. B.R. Ambedkar.
143. was the first Deputy Prime Minister of India.
- 1) Pandit Jawaharlal Nehru
 - 2) Dr. Rajendra Prasad

3) Sardar Vallabhai Patel

4) Dr. B.R. Ambedkar

144. Minerals of a rock determine it's

1) colour

2) shape

3) composition

4) size

145. A-4 Size of partical in fine granite texture is.....

1) Less than 6 mm

2) more than one mm

3) Less than 1 mm

4) 1 mm

146. The previous constitution of Nepal had been adopted in

1) 1990

2) 1950

3) 1947

4) 1991

147. Federalism means

1) centralisation of power

2) classification of power

3) Power under dictator

4) More than on level of power

148. World Population was one Billion in :

1) 1800

2) 1803

3) 1850

4) None of these

149. Sultan Azlam Shah Cup is releted to which among the following sports?

1) Badmintion

2) Hockey

3) Table Tennis

4) Golf

150. "The World Beneath'his feet" is a Biography of?

1) Pulela Gopichand

2) Nawab Pataudi

3) Ajit Wadekar

4) Sachin Tendulkar
