

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



DCA ENTRANCE EXAMINATION - X
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.
10. Read the questions carefully, Remember, answers are to be indicated in the Answer Sheet

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

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



PART - I MATHS

1. If A and B are two non empty subsets of a set P then $(A \cup B)'; = \dots\dots$
1) $A' \cap B'$ 2) $A' \cup B'$ 3) $A \cap B$ 4) $A \cup B$
2. $A \cap B = \phi$, then $B \cap A' = \dots\dots$
1) A 2) B 3) B' 4) A'
3. If in a class containing 50 students 10 Play basketball but not cricket, 10 play cricket but not basketball and 15 play neither basket ball nor cricket. Then the number of students playing boty cricket and basketball is
1) 10 2) 15 3) 20 4) 25
4. Simplify $1 - x + x^2 = \frac{x^3}{1+x}$
1) $(1 - x + x)$ 2) $2 + x$ 3) $\frac{2}{x+1}$ 4) All of these
5. 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
6. 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
7. Approximate value of $\pi = \dots\dots$
1) 3.151 2) 3.141 3) 3.146 4) 3.414
8. $999 + 999 \times 999 = \dots\dots$
1) 199008 2) 3999 3) 97299 4) 999000
9. $\frac{1}{8} = \dots\dots$
1) 1.25 2) 0.125 3) 1.25 4) 12.5
10. The population of Morgaon increases by 10% per year. If the population this year is 2420, what was the population of Morgaon 2 years ago?
1) 3000 2) 2178 3) 2000 4) 1936
11. Factors of $3\sqrt{2} a^2 - 5ab - \sqrt{32} b^2$ are,
1) $(\sqrt{2} a - 2)(3a + 4\sqrt{2} 2)$ 2) $(\sqrt{2} a + 2)(3a - 4\sqrt{2} 2)$
3) $(\sqrt{2} a - 2)(3a - \sqrt{32} 2)$ 4) $(3a - 2)(\sqrt{2} a + \sqrt{32} 2)$
12. Which of the following is not a factor of $(x^3 - 19x - 30)$
1) $(x + 2)$ 2) $(x - 5)$ 3) $(x + 5)$ 4) $(x + 3)$

13. In a cricket tournament average runs of first four players is 66 and that of the remaining seven players is 22. Find the average runs by all the players in that innings.
- 1) 44 2) 41 3) 39 4) 38
14. Factors of $x^2 - 2\sqrt{5}x - 15$ are:
- 1) $(x - \sqrt{5})(x + 3\sqrt{5})$ 2) $(x - 3\sqrt{5})(x + 5\sqrt{5})$
 3) $(x + \sqrt{5})(x - 3\sqrt{5})$ 4) $(x - 5\sqrt{3})(x + \sqrt{3})$
15. If $9x^2 + 24y + (m + 5)^2$ is a perfect square, what is the value of m?
- 1) -4 2) 11 3) -2 4) 10
16. $x + y = 4$; $x - y = 2$
- 1) (3, 1) 2) (2, 1) 3) (1, 2) 4) (1,3)
17. $x + y = 4$; $2x - 5y = 1$ then what is the value of x and y.
- 1) (3, 1) 2) (2, 1) 3) (1, 2) 4) (1,3)
18. If Principal amounts to Rs. 5800 after 2 years and to Rs. 7000 after 5 years. Find the principal and the rate of interest.
- 1) Rs. 1200; 8 p.c.p.a. 2) Rs. 5000; 10 p.c.p.a.
 3) Rs. 5000; 8 p.c.p.a. 4) None of these
19. $3x - 2y = -12$; $x + 6 = y$
- 1) (3, 1) 2) (0, 6) 3) (6, 0) 4) (6,1)
20. The distance between the point (2, -3) and (2, 2) is :
- 1) 5 units 2) 2 units 3) 4 units 4) 3 units
21. The perimeter of a triangle whose vertices are (7, 0), (0, 24) and (-10, 0) is units
- 1) 34 2) 68 3) 51 4) 65
22. The co-ordinates of a point situated on y-axis at a distance 8 units from x - axis is :
- 1) (-8, 8) 2) (8, 0) 3) (0, 8) 4) (8, -8)
23. The ratio of two numbers is 7 : 3. difference between the numbers is 60. Then the greater number is
- 1) 45 2) 70 3) 90 4) 105
24. The ratio of the present ages of supriya and her mother is 2 : 9. Mother's age at the time of the birth of supriya was 28 years, then their present ages in year are respectively.
- 1) 8, 36 2) 6, 34 3) 4, 32 4) 2,30
25. $\square ABCD$ is a parallelogram, the ratio of the measures of its $\angle A$ and $\angle B$ is 13 : 7, then the measure of $\angle A$ is :
- 1) 55° 2) 63° 3) 117° 4) 125°
26. 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

27. The average score of boys in an examination is 71, and that of girls is 73. If average score of the class is 71.8, the ratio of number of boys and number of girls is
- 1) 2 : 1 2) 1 : 2 3) 3 : 2 4) 2 : 3
28. data is collected by the researcher for one self
- 1) Group 2) Secondary 3) Primary 4) All of these
29. Raw data : 50, 60, 70, 72, 74, 75, 80, 88, 75, 100 ∴ Frequency of the class 60 - 68 is
- 1) 5 2) 1 3) 6 4) 3
30. The average of 4 consecutive odd numbers is 42. What is the largest of these odd numbers?
- 1) 45 2) 39 3) 33 4) 43
31. The measure of an angle is four times the measure of its supplementary angle. The the measure of the angle is
- 1) 36° 2) 72° 3) 108° 4) 144°
32. Which of the following statements are true?
1. Similar triangles are congruent
 2. Congruent triangles are similar
 3. If two triangles are not congruent, they ar not similar.
 4. If two triangles are not similar then they are congruent.
- 1) 1 and 2 2) 2 and 4 3) 2 and 3 4) 1 and 4
33. If two triangles are similar then
- 1) Their two sides are in proportion
 - 2) The length of their two sides is same.
 - 3) The corresponding angles between their two pairs is equal.
 - 4) The corresponding pairs of two angles are in proportion.
34. The ratio of the lengths of the corresponding sides of two triangles is 1. Then the triangles.....
- 1) are not similar 2) are congruent 3) are similar 4) (2) and (3) both
35. In two sides of a triangle are congruent then the angles oppoisite to them are
- 1) Complementary 2) Supplementary
- 3) Of equal measure 4) None of these
36. At least one-one correspondence between the vertices of twoo triangles is necessary to make the triangles congruent.
- 1) 1 2) 2 3) 3 4) 4
37. A chord subtending an angle of 120° at the centre of the circle of radius 10 cm is cm. long.
- 1) $10\sqrt{3}$ 2) $12\sqrt{3}$ 3) $5\sqrt{3}$ 4) $25\sqrt{3}$
38. Line AB is tangent to the circle of centre C at poin t A. $BC = 10$ cm, $AB = 5$ cm. ∴ Radius $CA =$ cm.
- 1) $3\sqrt{5}$ 2) $5\sqrt{3}$ 3) $2.5\sqrt{3}$ 4) None of these

39. C is the centre of two concentric circles. a is any point of outer circle of radius 10. Radius of inner circle is 8. Then the length of then tangent segment from A to the linner circle is
- 1) 4 2) 5 3) 6 4) 7
40. Which of the folloiwng statements are not true?
- 1) Every square is a parallelogram 2) Every rectangle is not a parallelogram
3) Every parallelogram is not a square 4) Every rhombus is a rectangle.
41. The measures of two consecutive angles of a parallelogram are $(3y + 20^\circ)$ and $(2y - 30^\circ)$ then these measures are respectively
- 1) $134^\circ, 46^\circ$ 2) $46^\circ, 134^\circ$ 3) $122^\circ, 58^\circ$ 4) $58^\circ, 122^\circ$
42. The measures of the angles in the pair of consecutive angles of a parallelogram are $(a + 60^\circ)$ and $(2a + 30^\circ)$. Then the parallelogram is
- 1) Trapezium 2) Rectangle 3) Rhombus 4) None of these
43. The distance between the points $P \equiv (-6, -3)$ and $Q \equiv (-1, -9)$ is
- 1) 12 2) 15 3) 9 4) 11
44. The segment AB is divided at $P \equiv (4, 5)$ internally in the ratio 3 : 4. If $B \equiv (8, 9)$ Then the coordinates of A are.
- 1) (2, 1) 2) (1, 2) 3) (-1, 2) 4) (-2, 1)
45. The line segment joining A (-2,-1), B (3, 3) is extended to C. If $BC = 3 AB$, then the coordinates of C are.
- 1) (-18, -15) 2) (15, 18) 3) (18, -15) 4) (18, 15)
46. If $\sin \theta = \frac{3}{5}$, then the value of cose θ is :
- 1) $\frac{3}{5}$ 2) $\frac{5}{3}$ 3) $\frac{1}{3}$ 4) $\frac{1}{5}$
47. If $\tan \theta = \frac{2}{7}$, then the value of cot θ is :
- 1) $\frac{7}{2}$ 2) $\frac{2}{7}$ 3) $\frac{1}{2}$ 4) $\frac{1}{7}$
48. The perimeter of triangle is 48 cm and one of two congruent sides as length 18 cm then, the area is sq. cm.
- 1) $72 \sqrt{2}$ 2) 72 3) $72 \sqrt{3}$ 4) $72 \sqrt{5}$
49. Right angled triangle as hypotenuse of length 41 cm and one of the remaining side is of lenth 9 cm then, the area is sq. cm.
- 1) 180 2) 108 3) 90 4) 45
50. The length of the sides of a triangle are in the ratio 17 : 12 : 25 and its semiperimeter is 270 cm then, the area in sq. cm. is.
- 1) 9050 2) 9000 3) 10,000 4) None of these

51. How many type of quadrilateral
 1) 6 2) 5 3) 8 4) 7
52. The sum of the measure of the angles of a triangle is
 1) 90° 2) 360° 3) -180° 4) 180°
53. Two years ago, the ratio of the ages of Meenakshi and Bhagyashri was 5 : 6 Today the ratio of their ages is 6 : 7. What is Meenakshi's present age ?
 1) 10 years 2) 12 years 3) 14 years 4) 13 years
54. How many percent of Rs. 5 is 90 paise?
 1) 12 2) 14 3) 16 4) 18
55. G.C.D of 144 and a number which is between 300 and 400 is 72. Find the number.
 1) 310 2) 260 3) 340 4) 360
56. The opposite angles of a parallelogram are
 1) different 2) perpendicular 3) congruent 4) supplementary
57. How many times should $\frac{4}{7}$ be added to $\frac{4}{7}$, so that the sum is 4?
 1) 4 2) 5 3) 6 4) 8
58. The observation with maximum frequency is called the
 1) Mean 2) Mode 3) Median 4) None of these
59. Measures of central tendency.
 1) Mean 2) Median 3) Mode 4) all of above
60. Find the mean of the following data 87, 92, 63, 78, 92, 59, 72, 66,
 1) Mean = 76.125 2) Mean = 76.7 3) Mean = 76 4) Mean = 67
61. In ΔRST , $m \angle R = 90^{\circ}$. seg $RP \perp$ side ST .
 Which of the following is the point of concurrence of the altitudes of ΔRST ?
 1) R 2) S 3) T 4) P
62. A line segment which joins a vertex of a triangle with a point on the opposite side is called as
 1) median 2) cevian 3) centroid 4) bisector
63. The area of the vertical faces of a cu boid is 450 sq cm. If its length and height are 25 cm and 5 cm respectively, find its breadth.
 1) 20 cm 2) 10 cm 3) 32 cm 4) 11 cm
64. The equation of X - axis is
 1) $y = 0$ 2) $x = 0$ 3) $xy = 0$ 4) $x + y = 0$
65. At least how many specific elements are necessary to construct a triangle?
 1) 1 2) 3 3) 6 4) 4
66. Which of the following is not linear equation in two variable.
 1) $x - y = 1$ 2) $xy = 2$ 3) $2a + 4b = -1$ 4) $p + q = 2$
67. Three angles of a quadrilateral are 75° , 95° , 125° .
 1) 50° 2) 360° 3) 70° 4) 65°

68. The side of a square is 10 cm. The diagonal of another square is 10 cm. What is the difference in the areas of the squares in square centimetres?
- 1) 40 2) 50 3) 60 4) 150
69. Find the remainder by using remainder theorem when the polynomial $x^3 - 3x^2 + x + 1$ is divided by $x-1$
- 1) 1 2) 2 3) -1 4) 0
70. What is the total surface area of a cube with side 5 cm?
- 1) 150 sq cm 2) 125 sq cm 3) 120 sq cm 4) 100 sq cm
71. Which of the following is not a parallelogram?
- 1) Rectangle 2) Square 3) Trapezium 4) Rhombus
72. A triangle whose length of sides making the right angle are 15 cm and 20 cm. then the area of triangle is
- 1) 300 cm² 2) 150 cm² 3) 50 cm² 4) 75 cm²
73. Find the LCM and HCF of 8 and 12.
- 1) 4, 24 2) 20, 2 3) 2, 20 4) 24, 4
74. "Every square is a rhombus". This statement is
- 1) false 2) can't say 3) True 4) None of these
75. If $(3^9 \times 3^{-5})^x = 27$, then $x = ?$
- 1) $\frac{4}{3}$ 2) $\frac{3}{4}$ 3) 4 4) -4

PART - II GAT

Q.76. to 79 : Read the following passage carefully and answer the questions choosing the correct option.

It has often been said that the scale of natural phenomena in India and her total dependence on the monsoon, have helped to form the character of her people. Even today. Major disasters, such as flood, famine and plague are hard to check and in older times, their control was almost impossible. Many other ancient civilisations, such as those of the Greeks, romans and Chinese had to contend with hard winters, which encouraged sturdiness and resourcefulness. India, on the other hand, was blessed by a bounteous nature, who demanded little of man in return for sustenance, but in her terrible anger could not be appeased by any human effort. Hence, it has been suggested, the Indian character has tended to quietism, accepting fortune and misfortune alike without complaint.

76. The author's main argument is
- 1) description of natural phenomena of India
 2) unpredictability of Indian monsoon
 3) correlation between the climate and the character of the inhabitants of a region
 4) hardships caused by natural calamities

77. Which one of the following civilisations did not have to face hardships due to bad winter?
 1) Indian 2) Greeks 3) Chinese 4) Romans
78. The expression “India, on the other hand, was blessed by a bounteous nature” means.
 1) Indian soil is fertile
 2) Indian is a land of flora and fauna.
 3) Indian people have been rewarded more generously by nature in proportion to their efforts
 4) Indian soil is suited for growing a variety of crops.
79. Which trait of India has been formed by the monsoon?
 1) Fatalism 2) Sturdiness 3) Asceticism 4) Epicureanism

Q.79. to 83 : Read the following passage carefully and answer the questions choosing the correct option.

As society becomes more and more affluent, people would prefer to work shorter hours at their regular employment so that they may enjoy longer house of leisure during which they can indulge in more congenial activities. They will not like to waste their leisure time performing routing domestic chores which tend to sap their energy. The idea of robot slave which would be capable to performing many of these monotonous chores is one that will appeal to a many. Already robots are used in mines and factories to perform tasks which are too risky for human beings. It takes a lot of research by dedicated scientists and sufficient financial backing for a model to be developed to perform a new task. This in turn depends on the number of people who feel the need for a robot to perform these specific tasks. The problem of designing a robot capable of performing various routine tasks around the house is not insurmountable. A domestic robot slave with its own computer and response mechanism and source of power, which can be programmed to perform certain specific tasks, is not impossibility.

80. In an affluent society people prefer to work shorter hours because:
 1) They are lazy 2) They do not have the strength to work
 3) They want time to carry out other activities 4) They abhor their work
81. Domestic chores:
 1) Are welcome by housewives 2) Are too demanding
 3) Lead to family discord 4) Are too time-consuming
82. Robots are already used in mines and factories to perform:
 1) Hazardous tasks 2) Tasks with greater efficiency than human beings
 3) Tasks which lead to economy in the operations 4) Tasks which are forbidden by the labor laws
83. Developing a robot capable of performing a new task:
 1) Is difficult for the scientists 2) Is impossible for the scientists

3) Requires huge capital

4) Depends on the number of people who require it

FILL IN THE BLANKS

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

84. Where does he..... his cigarettes? In this drawer?

- 1) Guard 2) find 3) hold 4) keep

85. Mrs. Rao lives in this building, on the third.....

- 1) level 2) floor 3) ceiling 4) flat

86. Geeta was baldy in a car accident.

- 1) harmed 2) damaged 3) pinched 4) wounded

87. She lost her socks. She will have to buy a new...

- 1) set 2) couple 3) ones 4) pair

88. When he's 58, he'll with pension.

- 1) Dismiss 2) resign 3) retire 4) withdraw

89. The fire brigade's prompt action prevented the fire from.....

- 1) Spreading 2) flowing 3) scattering 4) spilling

90. How much is the..... to Mumbai, if you travel by train in first class?

- 1) cost 2) bill 3) fare 4) fee

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

91. Pure

- 1) clean 2) unmixed 3) fresh 4) clear

92. Doubt

- 1) ignorance 2) dullness 3) mistake 4) disbelief

93. Triumph

- 1) excitement 2) victory 3) gain 4) joy

94. Outstanding

- 1) admirable 2) prominent 3) notorious 4) interesting

95. Voluminous

- 1) long 2) bulky 3) shining 4) loud

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

96. Artificial

- 1) red 2) natural 3) truthful 4) solid

97. Virtue

- 1) crime 2) wickedness 3) fraud 4) vice

98. Shallow

- 1) deep 2) hollow 3) hidden 4) high

99. Gather

- 1) spend 2) scatter 3) suspend 4) separate

100. Reserved

- 1) companionable 2) popular 3) talkative 4) silent

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) Sleet 2) Fog 3) Hailstone 4) Vapour

* **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. 1, 2, 3, 6, 9, 18, (.....), 54

- 1) 18 2) 27 3) 36 4) 81

104. Going 50 m to the South of her house, Radhika turns left and goes another 20m. Then, turning to the North, she goes 30 m and then starts walking to her house. In which direction is she walking now?

- 1) North-west 2) North 3) South-east 4) East

* **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. Melt : Liquid : : Freeze : ?

- 1) Ice 2) Condense 3) Solid 4) Crystal

106. What is chemical formula of POP?

- 1) CaSO_4 2) $\text{CaSO}_4, \text{H}_2\text{O}$ 3) $\text{CaSO}_4, 2\text{H}_2\text{O}$ 4) $\text{Ca}(\text{OH})_2$

107. How is corrosion of iron prevented?

- 1) Using anti-rust solution 2) coating surface by paint
3) Galvanising the surface 4) All of these

108. Magnetism is induced in the disc with the help of _____

- 1) Light 2) Sound 3) Heat 4) Electricity

109. Find odd

- 1) Liver 2) Pancrease 3) Thyroid 4) Salivary

110. Functional unit of reproduction in plant is _____

- 1) Leaf 2) Flower 3) Inflorescence 4) stem

111. What kind of taste gives Amla?

- 1) Sweet 2) Sour 3) Salty 4) Bitter

112. An element has one electron in its valence shell, the element is likely to be a _____

- 1) noble gas 2) halogen 3) metal 4) non-metal

113. _____ is used in black & white photography

- 1) silver nitrate 2) silver bromide 3) alumina 4) gypsum

114. The S.I. unit of an electric charge is _____

- 1) volt 2) ampere 3) coulomb 4) ohm

115. When a ray of light passes from a rarer medium to a denser medium the angle of refraction is _____

- 1) equal to angle of incidence 2) equal to 90°
3) smaller than angle of incidence 4) greater than angle of incidence

116. The sulphide ores first converted into oxides by heating strongly in excess of air. This process is called as _____

- 1) calcinations 2) refining 3) roasting 4) corrosion

117. Electronic configuration of Al is

- 1) 8,8,2 2) 2,8,1 3) 2,8,3 4) 2,8,2

118. Symbol of wire crossing is 

- 1) 2) 3) 4)

119. Formula of washing soda is

- 1) $\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$ 2) $\text{Na}_2\text{CO}_3 \cdot \text{H}_2\text{O}$ 3) $\text{NaHCO}_3 \cdot \text{H}_2\text{O}$ 4) $\text{NaHCO}_3 \cdot 10\text{H}_2\text{O}$

120. Symbol of heat used in reaction is

- 1) Δ 2) \sqcup 3) \uparrow 4) \rightarrow

121. The father of History is

- 1) Socrates 2) Herodotus 3) Thucydies 4) Sophocles

122. Man in prehistoric period was unknown of the

- 1) Use of fire 2) Use of stone 3) Writing skill 4) Use of Iron

123. The revolution of Prophet Muhammad wer compiled in the book named

- 1) Holy Quran 2) Safarnama 3) Tarikh-i Hind 4) Al Beruni

124. The well fortified castle of the Lords was known as

- 1) Manors 2) Palace 3) Mansion 4) Forts

125. The book entitled "In Praise of Folly" has been written by

- 1) Erasums 2) Zwingly 3) John Calvin 4) John Huss

126. Research on blood circulation was made by

- 1) Gilbert 2) Holdmont 3) Willian Harvey 4) John Kepler

127. In Englan was the main business.

- 1) Iron 2) Coal 3) Cotton 4) Garment

128. The British Parliament passed in the year 1764 in American colonies.

- 1) Sugar Act 2) Stamp Act 3) Income Tax Act 4) None of these

129. There are approximately thousand villages in Maharashtra.
 1) 65 2) 41 3) 51 4) 53
130. In Maharashtra maximum area is under type of irrigation.
 1) Well 2) Canal 3) Tank 4) Lift
131. Occupation depends entirely on natural resources.
 1) Secondary 2) Primary 3) Tertiary 4) Quaternary
132. Rice Research centre is at in Maharashtra.
 1) Pune 2) Karjat 3) Amravati 4) Nandurbar
133. The first cotton mill was set up at Mumbai in Maharashtra.
 1) 1852 2) 1854 3) 1856 4) 1851
134. Which is not a natural ecosystem?
 1) Desert 2) Aquarium 3) Forest 4) Grassland
135. The rock which is made up of molten magma is.
 1) Sedimentary 2) Metamorphic
 3) Igneous 4) Metamorphosed igneous
136. Which is the largest continent in the world?
 1) asia 2) europe 3) africa 4) north america
137. It is the official residence of the president of India.
 1) Rashtrapati bhavan 2) Annand Bhawan
 3) Sansad Bhawan 4) Lok Sabha
138. The Maharashtra government has recently granted reservation to which community under a new category called socially and Educationally Backward class. (ESBC).
 1) Dhangar 2) Lingayat 3) Buddhist 4) Maratha
139. What is the theme of the 2018 world Toilet day (WTD)
 1) Follow he flush 2) When Nature calls 3) Wastewater 4) Toilets and Nutrition
140. Which country has officially opened the world's longest sea-crossing bridge.
 1) Russia 2) China 3) Indonesia 4) Japan
141. The following is (are) Not a factors of soil formation.
 1) organic matter 2) time 3) soil texture 4) all above
142. Coal, Iron ore, petroleum, disel etc. are the example of.
 1) Biotic Resources 2) abiotic resources
 3) Renewable resources 4) Non-Renewable resources
143. Which countries wer involved in tripole alliance agreement.
 1) Germany - England - Italy 2) England - France - America
 3) Germany - Austria - italy 4) Germany - Russia - Austria

144. Kaiser William II was the emperor of

- 1) Italy 2) Austria 3) Hungary 4) Germany

145. Hitler's autobiography entitled "_____" is a manifesto of the Nazism.

- 1) Das Kapital 2) Mein Kampf 3) Young Turks 4) None of these

146. In which year, the first Winter Games were held?

- 1) 1904 2) 1920 3) 1924 4) 1936

147. After how many years are the Olympic Games held?

- 1) three years 2) four years 3) two years 4) five years

148. Who appoints the Advocate General of India?

- 1) Attorney General 2) Governor of the state
3) Judge of Supreme Court 4) President of India

149. Who is responsible to Parliament for all matters concerning defence?

- 1) President 2) Prime Minister 3) Defence Minister 4) Home Minister

150. The UN Secretary-General holds office for a period of.

- 1) 3 years 2) 4 years 3) 5 years 4) 6 years

