

- The Suez Canal joins Red Sea with?**
  - Black Sea
  - Caspian Sea
  - Mediterranean Sea
  - Arabian Sea
- Mahatma Gandhi was born at?**
  - Baroda
  - Sabarmati
  - Rajkot
  - Wardha
- Which of the following is a Karif Crop in our country?**
  - Wheat
  - Maize
  - Barely
  - Opium
- Pankaj Advani's name is associated with?**
  - Billiards
  - Chess
  - Police Service
  - Politics
- The term "Middle Path" associated with?**
  - Jainism
  - Buddhism
  - Hinduism
  - None
- Which of the following is the oldest Dynasty?**
  - Chalukyas
  - Cholas
  - Pallavas
  - Satavahanas



14. The Book titled '*Lilavati*' is related to?  
a) History  
b) Polity  
c) Administration  
d) Mathematics
15. Where was the Capital of Shivaji situated?  
a) Sasaram  
b) Rajgarh  
c) Raigarh  
d) None
16. Who built the Grand Trunk Road?  
a) Ashoka  
b) Chandragupta  
c) Shershah  
d) Humayun
17. "*Gidda*" is the famous folk dance of?  
a) Punjab  
b) Karnataka  
c) Maharashtra  
d) None
18. *Gandhara* Art flourished under?  
a) Gupta  
b) Kushana  
c) Bactrians  
d) None
19. How many strings are there on a Sarod?  
a) 19  
b) 15  
c) 20  
d) 25
20. How many "*Mahajanapadas*" in Ancient Indian History?  
a) 13  
b) 14  
c) 15  
d) 16
21. Which of the following is the currency of Bahrain?  
a) Peso  
b) Dinar  
c) Riyal  
d) Bahat

22. Common wealth games 2014 will be organised in?

a) London                      b) New Delhi

c) Glasgow                      d) Toronto
23. Deepika Kumari's name associated with?

a) Swimming                      b) Archery

c) Billiards                      d) Cricket
24. Which of the following terms not associated with Banking (or) Finance?

a) SLR                      b) LBW

c) Credit                      d) Repo rate
25. Which of the following cups/trophies is associated with the game of cricket?

a) Ranji Trophy                      b) Davis cup

c) Thomas cup                      d) Nehru trophy
26. How many members are nominated by the president of India to the Rajya Sabha?

a) 5                      b) 6                      c) 8                      d) None
27. Members of the Lok Sabha are elected for a period of?

a) 4 years                      b) 5 years

c) 6 years                      d) 7 years
28. Complete the following series A D G J M P S V \_\_\_\_

a) B                      b) C                      c) Y                      d) X

29. Complete the series 7, 10, 8, 11, 9, 12, \_\_\_\_, \_\_\_\_.
- a) 12, 15      b) 13, 14      c) 7, 11      d) 10, 13
30. Find odd man out?
- 1) Eye      2) Nose      3) Ear      4) Brain
- a) 1      b) 2      c) 3      d) 4
31. Find odd man out?
- 1) 27      2) 64      3) 8      4) 9
- a) 1      b) 2      c) 3      d) 4
32. VAB: UCD:: TEF : \_\_\_\_?
- a) RIJ      b) SKL      c) SIJ      d) SGH
33. Put in meaningful order?
- 1) Arrest      2) Theft      3) Punishment      4) Judgment      5) Court
- a) 2, 1, 5, 4, 3      b) 1, 5, 2, 3, 4
- c) 1, 2, 3, 4, 5      d) 1, 2, 3, 5, 4
34. Put in meaningful order ?
- 1) Set      2) Go      3) Ready      4) Target      5) Start
- a) 2, 3, 1, 4, 5      b) 1, 4, 3, 2, 5
- c) 4, 3, 2, 1, 5      d) 3, 5, 1, 2, 4
35. Select the missing number:
- |     |     |    |
|-----|-----|----|
| 8   | 9   | 6  |
| 6   | 3   | 2  |
| 5   | 4   | ?  |
| 240 | 108 | 96 |
- a) 90      b) 36      c) 12      d) 8





43. If the price of oil is increased by 25% what will be the percentage consumption of oil that a house must reduce, expenditure not increases?  
a) 15%                      b) 10%                      c) 20%                      d) 25%
44. Arun bought a second hand music system for Rs. 2000. He spent Rs. 400 on repairing. The selling price of the system if he wants to gain  $16\frac{2}{3}\%$  is?  
a) Rs. 2800                      b) Rs. 3000                      c) Rs. 2400                      d) Rs. 2600
45. If the ratio of the sides of two equilateral triangles is 1: 2, then the ratio of their areas is?  
a) 4 : 9                      b) 1 : 4                      c) 1 : 2                      d) 2 : 3
46. The angles of a triangle are in the ratio 1: 4: 5, then the triangle is?  
a) Scalene                      b) Right angle  
c) Isosceles                      d) None
47. A person sells 36 oranges per rupees and suffers a loss of 4% find how many oranges should be sold per rupee to gain 8%?  
a) 30                      b) 28                      c) 32                      d) 40
48. The age of Solar System is?  
a) 7.8 billion Years                      b) 3.2 billion Years  
c) 3.8 billion Years                      d) 4.6 billion years
49. Which of the following is the ore of iron?  
a) Hematite                      b) Bauxite  
c) Galena                      d) None

- a) 5 seconds                      b)  $1^0$   
c) 5 minutes                      d)  $90^0$





65. Which rectifier requires four diodes?

- a) Half wave                      b) Full wave  
c) Full wave Bridge            d) None

66. Who was the first recipient of Bharat Ratna to be awarded posthumously?

- a) Rajendra Prasad                      b) Indira Gandhi  
c) Lal Bahadur Sastry                  d) Mother Teresa

67. "Right to constitutional remedy" has been mentioned in which article of the constitution?

- a) Article 30  
b) Article 32  
c) Article 35  
c) None

68. The HCF of two numbers is 12 and their LCM is 144. If one of them is 36 the other is?

- a) 36                      b) 48                      c) 52                      d) None

69. The ratio of load lifted to effort applied is termed as?

- a) Efficiency  
b) Velocity ratio  
c) M.A  
d) None of the above

70. If a machine called as Reversible its efficiency?

- a) <50 %                      b) =50%
- c) >50%                      d) 100%

71. Water stored in a "Dam" possesses?

- a) No energy                      b) Electrical energy  
c) Kinetic energy                d) Potential energy

72. Find the area of a square if the sum of the diagonals is 100 cm?
- a)  $1000 \text{ cm}^2$                       b)  $1250 \text{ cm}^2$   
c)  $5000 \text{ cm}^2$                       d) None
73. Work done is measured by?
- a) Mass  $\times$  Velocity                      b) Mass  $\times$  Acceleration  
c) Force  $\times$  Distance                      d) Force  $\times$  Time
74. Which layer of atmosphere is closest to the earth?
- a) Stratosphere                      b) Troposphere  
c) Mesosphere                      d) Thermosphere
75. Which is the first element in periodic table?
- a) Hydrogen                      b) Oxygen  
c) Neon                      d) Helium
76. One gallon = \_\_\_\_\_ litres.
- a) 4.5                      b) 4.1                      c) 3.54                      d) 8
77. The value of  $\sqrt{6+2\sqrt{7+3\sqrt{36}}} =$  \_\_\_\_\_
- a) 1                      b) 2                      c) 3                      d) 4
78. The difference between compound interest and simple interest on Rs. 200 at 20% per annum for two years is?
- a) Rs. 5                      b) Rs. 6                      c) Rs. 7                      d) Rs. 8
79. Average of "n" even numbers is?
- a)  $n^2$                       b)  $\frac{(n+1)}{2}$                       c)  $(n+1)$                       d)  $(n+2)$

80. If the number  $7x394$  is divisible by '11' then the value of 'x' is?  
a) 3                      b) 4                      c) 5                      d) 6
81. Bronze consists of copper and?  
a) Zinc                      b) Tin  
c) Silicon                      d) Phosphorus
82. The Hole provided in the anvil is?  
a) Round                      b) Triangle  
c) Rectangle                      d) Hexagon
83. The voltage less than 250 V is known as?  
a) Low voltage                      b) High voltage  
c) Extra high voltage                      d) Medium voltage
84. Difference between the synchronous speed and the Induction motor speed is called?  
a) Regulation                      b) Slip  
c) Back lash                      d) lag
85. Bench vice size is given by?  
a) length of jaw                      b) size of spindle  
c) width of jaw                      d) weight of vice
86. On 'LATHE' to support heavy rods while turning we use?  
a) Dead centre                      b) Tail stock  
c) Steady rest                      c) carrier

87. **Micrometers have least count of?**  
a) 0.02 mm      b) 0.1 mm      c) 0.001mm      d) 0.01 mm
88. **Tri square is used to check the job?**  
a) Length wise      b) on  $45^{\circ}$   
c) Depth wise      d) on  $90^{\circ}$
89. **Identify the operation that is not normally done on a lathe?**  
a) Knurling      b) Threading  
c) Tapering      d) Square cutting
90. **The refrigerant for ice plant is?**  
a)  $\text{CO}_2$       b) Ammonia  
c) Methyl      d) Water
91. **Borax flux is used in?**  
a) Soldering      b) Welding  
c) Brazing      d) All of the above
92. **One ton of refrigerant is?**  
a) 200 KJ/min      b) 211KJ/min  
c) 215 KJ/min      d) 250 KJ/min
93. **Elbow is used to give \_\_\_\_ turn to the pipe?**  
a)  $45^{\circ}$       b)  $30^{\circ}$       c)  $180^{\circ}$       d)  $90^{\circ}$
94. **"Tesla" is the unit of?**  
a) Flux      b) Field strength  
c) Flux density      d) None





**KEY**

1)	c	21)	b	41)	a	61)	a	81)	b
2)	c	22)	c	42)	b	62)	c	82)	c
3)	b	23)	b	43)	c	63)	a	83)	a
4)	a	24)	b	44)	a	64)	c	84)	b
5)	b	25)	a	45)	b	65)	c	85)	a
6)	d	26)	d	46)	b	66)	c	86)	c
7)	a	27)	b	47)	c	67)	b	87)	d
8)	c	28)	c	48)	d	68)	b	88)	d
9)	c	29)	d	49)	a	69)	c	89)	d
10)	a	30)	d	50)	c	70)	c	90)	b
11)	a	31)	d	51)	c	71)	d	91)	c
12)	b	32)	d	52)	b	72)	b	92)	b
13)	b	33)	a	53)	d	73)	c	93)	d
14)	d	34)	d	54)	d	74)	b	94)	c
15)	c	35)	d	55)	a	75)	a	95)	b
16)	c	36)	a	56)	c	76)	a	96)	a
17)	a	37)	b	57)	a	77)	d	97)	d
18)	b	38)	a	58)	a	78)	d	98)	b
19)	a	39)	b	59)	d	79)	c	99)	d
20)	d	40)	b	60)	c	80)	c	100)	c