

Year :M.Sc. 2017

Subject: General Aptitude and Computer Applications

1. A byte consists of
 - a) One bit
 - b) Eight bit
 - c) Four bit
 - d) Ten bit

2. VPN means
 - a) Vital Private Network
 - b) Virtual Private Network
 - c) Virtual projection Network
 - d) Vital Projection Network

3. Which of the following is not valid version of MS Office
 - a) Office XP
 - b) Office Vista
 - c) Office 2007
 - d) Office 2011

4. CD-ROM stands for
 - a) Compactable Read Only Memory
 - b) Compact Data Read Only Memory
 - c) Compatible Disk Read Only Memory
 - d) Compact Disk Read Only Memory

5. The _____, also called the brain of the computer, is responsible for processing data.
 - i) motherboard
 - ii) memory
 - iii) RAM
 - iv) central processing unit (CPU)

6. The word FTP stands for
 - i) File Translate Protocol
 - ii) File Transit Protocol
 - iii) File Transfer protocol
 - iv) File typing protocol

7. Siachen is a
 - A. desert frontier zone between India and Pakistan
 - B. frontier zone between China and India
 - C. frontier zone between India and Myanmar
 - D. glacier frontier zone between India and Pakistan

8. The statement that best describes the Intergovernmental Panel on Climate Change (IPCC) is
- It is a leading international body for the assessment of climate change.
 - It was established by the United Nations Environment Programme (UNEP)
 - Thousands of scientists from all over the world contribute to the work of the IPCC.
 - All of the above
9. Identify the incorrect match of the authors and book
- Fall of the sparrow- Dr Salim Ali
 - The deer and the tiger- Goerge Schaller
 - How Societies Choose to Fail or Succeed – Peter Diamond
 - Silent Spring- Rachel Carson
10. Identify the correct environmental movements with their objectives
- Chipko Movement - Protect the trees on the Himalayan slopes
 - Save Silent Valley movement- protection from the impacts of hydroelectric dams
 - Jhola Aandolan a mass movement against use of plastic carry bags
 - All of the above
11. Which one of the following committee was constituted to review environmental laws in the country?
- Subramanian Committee
 - Kasturi Rangan Committee
 - Madhav Nair Committee
 - Ullas Karanth Committee
12. Garampani sanctuary is located at
- Junagarh, Gujarat
 - Diphu, Assam
 - Kohima, Nagaland
 - Gangtok, Sikkim
13. .In which of the following pairs, the two substances forming the pair are chemically most dissimilar?
- Sugar and paper
 - Butter and paraffin wax
 - Chalk and marble
 - Charcoal and diamond

14. Which of the gas is not known as green house gas?
- A. Methane
 - B. Carbon dioxide
 - C. Nitrous oxide
 - D. Helium
15. Which of the following personalities inspired Green Revolution in India ?
- A. R.A. Kidwai
 - B. N.E. Borlaug
 - C. K.M. Panikkar
 - D. M.S. Swaminathan
16. According to latest tiger census report (2015), which among the following states has recorded highest number of tigers?
- A. Madhya Pradesh
 - B. Karnataka
 - C. Tamil Nadu
 - D. Kerala
17. Which among the following is world's largest Mangrove forest?
- A. Sundarbans
 - B. Pichavaram
 - C. Bhitarkanika
 - D. Malayan Peninsula mangroves
18. A perfectly symmetrical data set will have skewness of _____
- a. 0
 - b. 3
 - c. -3
 - d. 1
19. Presence of pesticides contamination in animal tissue can be estimated using _____ instrument
- a. Thin-layer Chromatography
 - b. Atomic Absorption Spectrophotometer
 - c. Gas Chromatography
 - d. Bomb colorimeter
20. Lux meter is a device used to measure _____
- a. Intensity of sound produced by animals
 - b. Intensity of light falling on the vegetation
 - c. Water velocity
 - d. Wind velocity

21. The following one is the probability sampling methods used for collection of scientific data
- Quota sampling
 - Convenience sampling
 - Stratified sampling
 - Snowball sampling
22. One of the important assumption of mark-recapture technique is _____
- Marked individuals represents the entire population size
 - Marked individuals become completely mixed in the population
 - Population should be open
 - Sampling time must be random time intervals
23. _____ is one of the best methods for estimation of forests birds density
- Direct count
 - Quadrat method
 - Point count method
 - Mist netting method
24. If the chance of happening the event is very rare that case what probability distribution will apply
- Binomial distribution
 - Normal distribution
 - Poisson distribution
 - Rare event distribution
25. What is the probability of getting a King card in deck of playing cards
- _____
- 0.077
 - 0.153
 - 0.230
 - 0.307
26. Fill in the correct choice of word from the options
- It can have a damaging _____ on the victim's personal relationships with others.
- affect
 - effect
 - impact
 - influence

27. Identify the correct option
- a) His mother excepts french-fries from her definition of "nutritional vegetables".
 - b) His mother accepts french-fries from her definition of "nutritional vegetables".
 - c) His mother except french-fries from her definition of "nutritional vegetables".
 - d) His mother accept french-fries from her definition of "nutritional vegetables".
28. 'Hear it on the grapevine' means
- a) to hear rumors' about something or someone
 - b) to learn about a secret
 - c) to make a choice about something based upon advertisement
 - d) get the information from a popular TV channel
29. cardinal means :
- a) enormous
 - b) assistant
 - c) fundamental
 - d) tiny
30. Identify the sentence with a correct conjunction
- a) John looks very fit in spite of his age.
 - b) John looks very fit despite of his age.
 - c) John looks very fit notwithstanding his age.
 - d) John looks very fit because of his age.

Answer Keys

1. B
2. B
3. B
4. D
5. D
6. C
7. A
8. D
9. C
10. D
11. A
12. B
13. B
14. D
15. D
16. B
17. A
18. A
19. C
20. B
21. C
22. B
23. C
24. C
25. A
26. B
27. A
28. A
29. C
30. A