

GENERAL

Paper - I

1. The most important factor that facilitates most the interactive student participation is
 - (A) ~~the intelligence of the students~~
 - (B) the size of the class
 - (C) the physical condition of the classroom
 - (D) the availability of equipment.

2. Interest in learning increases when
 - (A) **practicals are included in the syllabus**
 - (B) aids are used in teaching
 - (C) what is to be learnt is linked with what is already known
 - (D) ICT is widely used in teaching.

3. Among the following teachers who helps students learn better ?
One who uses
 - (A) **motion pictures as a last resort**
 - (B) charts and maps
 - (C) board occasionally
 - (D) **film projector along with the proper use of the board.**

4. Which of the following teachers, will be liked most by you ?
 - (A) **A teacher following an idealist philosophy**
 - (B) A loving teacher
 - (C) A teacher who is disciplined
 - (D) A teacher who often amuses his students.

5. An effective teacher is one who can
 - (A) control the class
 - (B) give more information in less time
 - (C) motivate students to learn
 - (D) correct the assignments carefully.

6. Books and records are the primary sources of data in
 - (A) Historical research
 - (B) Participatory research
 - (C) Clinical research
 - (D) Laboratory research.

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7. A research problem is feasible only when
- (A) it is researchable
 - (B) it is new and adds something to knowledge
 - (C) it has utility and relevance
 - (D) problem having independent and dependent variables.
8. In a seminar
- (A) papers are presented and discussed
 - (B) training in skills in teaching is given
 - (C) different aspects of a problem are discussed
 - (D) group discussions are held.
9. Projects in the post-graduate courses are similar to
- (A) basic research
 - (B) applied research
 - (C) action research
 - (D) evaluation research.
10. Research can be classified as
- (A) Basic, Applied and Action research
 - (B) Quantitative and Qualitative research
 - (C) Philosophical, Historical, Survey and Experimental research
 - (D) all of these.

Read the following passage and answer the questions (Sl. Nos. 11 to 15) given below :

It is an old saying that knowledge is power. Education is an instrument which imparts knowledge and, therefore, indirectly controls power. Therefore, even since the dawn of civilisation persons in power have always tried to supervise or control education. It has been the hand-maid of the ruling class. During the Christian Era the ecclesiastics controlled the institution of education and diffused among the people the gospel of the Bible and religious teachings. These gospels and teachings were no other than a philosophy for the maintenance of the existing society. It caught the poor man to be mEEK and to earn his bread with the sweat of his brow, while the priests and the landlords lived in luxury, fought duels for the slightest offence. During the Renaissance, education passed more from the clutches of the priests into the hands of the princes. In other words, it became more secular. It was also due to the growth of the nation state and powerful monarchs who united the country under their rule.

Thus, under the control of the monarch, education began to devise and preach the infallibility of its master, the monarch or king. It also invented and supported fantastic theories like the Divine Right Theory and that the king can do no wrong. With the advent of the Industrial Revolution, education took a different turn and had to please the new masters. It now no longer remained the privilege of the baron class but was thrown open to the new rich merchant class of society. Yet education was still confined to the few elite. The philosophy which was in vogue during this period was that of 'Laissez Faire' restricting the function of the state to the mere keeping of law and order while, on the other hand, in practice the law of the jungle prevailed in the form of free competition and the survival of the fittest.

11. During the Christian Era who controlled the education system ?
- (A) The Government (B) The common people
(C) The church and the priests (D) The monarchs.
12. What does the hand-maid of the ruling class mean ?
- (A) Private maidservant of the prince
(B) Mistress of the prince
(C) The economy under the authority of the prince
(D) Something fully under the control of the ruling class.
13. Consider the following statements :
- I. During the Renaissance, education became less secular.
II. Under the Laissez Faire approach, it was believed that king can do no wrong.

Which of the statements given above is / are correct ?

- (A) (I) only (B) (II) only
(C) Both (I) and (II) (D) Neither (I) nor (II).
14. Whom does the term 'infallibility' refer to in this passage ?
- (A) Kings (B) Scholars
(C) Priests (D) Social reformers.
15. Which one of the following is the correct statement ?

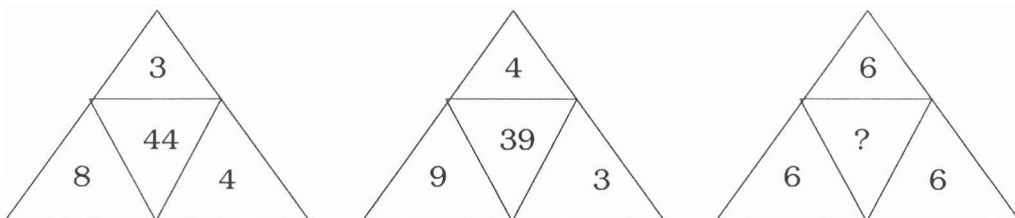
During the Christian Era,

- (A) the poor man was thought to be beloved of the God
(B) it was thought that the poor man must earn his bread by hard work
(C) approach of survival of the fittest prevailed
(D) function of the state was confined only to governance.

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16. Blogs are considered as which type of medium of communication ?
 (A) Rural communication (B) Tactile communication
 (C) Conversational communication (D) Intra-personal communication.
17. Which of the following is *not* a means of mass communication ?
 (A) Television (B) Cinema
 (C) Telephone (D) Internet.
18. Electronic communication within a campus or institution is carried out by means of
 (A) the internet (B) a local area network
 (C) a PBX (D) a chat site.
19. The West Bengal College Service Commission sends letters to all the candidates informing the date of SET examination. It is
 (A) up-down communication (B) horizontal communication
 (C) bottom-up communication (D) one way communication.
20. Modern style of marketing communication includes
 (A) digital marketing (B) tele-marketing
 (C) e-commerce (D) all of these.
21. If Delhi is coded as 16
 Mumbai is coded as 25
 Kolkata is coded as 49, how can
 Chennai be coded ?
 (A) 64 (B) 81
 (C) 36 (D) 77.
22. Numbers in the following three figures are set in some order. Find out the missing number in the third figure :



- (A) 52 (B) 64
 (C) 72 (D) 36.

23. On January 12, 1980, it was Saturday. On January 12, 1979 it was
 (A) Saturday (B) Friday
 (C) Sunday (D) Thursday
24. What will be the next term in the following ?
 DCXW, FEVU, HGTS,
 (A) LKPO (B) ABYZ
 (C) JIRQ (D) LMRS.
25. Of the three numbers, second is twice the first and is also thrice the third. If the average of three numbers is 44, the largest number is
 (A) 24 (B) 108
 (C) 72 (D) 220.

26. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements : All rivers are hills
 All hills are rocks
 Some rocks are sticks.

Conclusions : I. Some sticks are hills
 II. Some sticks are rivers
 III. Some rocks are rivers.

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- (A) Only III follows (B) Only I follows
 (C) Only II follows (D) II and III follow.
27. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Statements : Some cloths are marbles
 Some marbles are bags.

Conclusions : I. No cloth is a bag.
 II. All marbles are bags
 III. Some bags are cloths
 IV. No marble is a cloth.

Codes :

- (A) ~~Only either I or IV follows~~ (B) Only either I or II follows
 (C) Only either I or III follows (D) None follows.

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28. If a person travels from a point P towards east for 8 km and then travels 6 km towards north and reaches a point Q , what is the shortest distance from P to Q ?

- (A) 15 km (B) 6 km
(C) 12 km (D) 10 km.

29. Find out the missing number in the following series :

7, 23, 71, , 647.

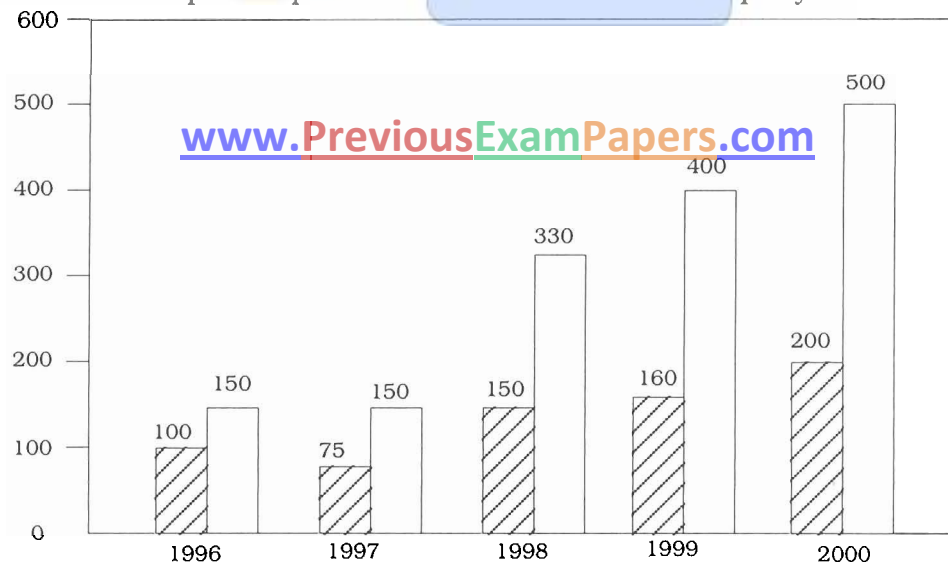
- (A) 89 (B) 146
(C) 215 (D) 426.

30. Which of the following pairs of months can have the same day as the first of the month in a year ?

- (A) March, November (B) April, September
(C) May, October (D) July, December.

Study the following graph and answer the Question Nos. 31 – 34 :

Export of processed food tins from a company



 Quantity in lakhs tins  Value in crores of rupees

31. In which year, the value per tin was minimum ?

- (A) 1996 (B) 1997
(C) 1998 (D) 2000.

32. What was the approximate per cent increase in export value from 1996 to 2000 ?
(A) 300.3 (B) 333.3
(C) 433.3 (D) None of these.
33. What was the percentage drop in export quantity from 1996 to 1997 ?
(A) 75 (B) 35
(C) 25 (D) None of these.
34. If in 1999, the processed food tins were exported at the same rate per tin as that in 1998, what would be the value (in crores of rupees) of export in 1999 ?
(A) 400 (B) 375
(C) 352 (D) 322.
35. Networking of libraries through electronic media is known as
(A) Inflibnet (B) Libinfnet
(C) Internet (D) Libnet.
36. Pick up the State Owned Internet Service Provider from the following list :
(A) MTNL (B) Reliance Communications
(C) Sify (D) You Telecom.
37. Computers connected to a LAN can
(A) run faster
(B) share information and / or share peripheral equipment
(C) e-mail
(D) go online.
38. Which of the following is not a web browser ?
(A) Internet Explorer (B) Mosaic
(C) Outlook Express (D) Netscape Navigator.
39. SITE stands for
(A) **System for International Technology and Engineering**
(B) South Indian Trade Estate
(C) Satellite Instructional Television Experiment
(D) State Institute of Technology and Engineering.
40. The major harmful gas emitted from automobile vehicles which causes air pollution is
(A) Carbon monoxide (B) Methane
(C) Carbon dioxide (D) Ozone gas.

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41. The North Pole has become as 'Island' for the first time in history. What is the reason for this ?
- (A) Global warming (B) Summer season
(C) Winter season (D) None of these.
42. The Chipko movement was a movement for
- (A) land rights (B) environmental protection
(C) job reservation (D) disarmament.
43. Cloudy nights are warmer compared to clear nights (without clouds). This is because
- (A) **Clouds radiate heat towards the earth**
(B) Clouds prevent cold wave from the sky
(C) Clouds prevent escaping of the heat radiation from the earth
(D) Clouds absorb heat from the sun and send towards earth.
44. What is the name of the research station established by the Indian Government for conducting research at Antarctic ?
- (A) Dakshin Gangotri (B) Yamunotri
(C) Uttari Gangotri (D) None of these.
45. A unitary university is distinct from other universities in that, that
- (A) **it cannot offer courses in many disciplines**
(B) it cannot have affiliated colleges
(C) it cannot offer research degrees
(D) it cannot be a member of Association of Indian Universities.
46. The Yashpal Committee submitted its report on
- (A) Reforms in Higher Education
(B) **Reconstruction of Administrative System** in Education
(C) Renovation and Rejuvenation of Higher Education
(D) Establishment of Foreign Universities.
47. Besides Engineering, the AICTE controls education in
- (A) medicine (B) agriculture
(C) management (D) mass communication.
48. A Central University is set up by an act of
- (A) Parliament
(B) the Legislative Assembly
(C) the UGC
(D) the Ministry of Human Resoure Development.

49. The University Grants Commission was constituted on the recommendation of which commission ?
- (A) Dr. Sarvapalli Radhakrishnan Commission
(B) Mudaliar Commission
(C) Verghese Commission
(D) Kothari Commission.
50. Who is the Chancellor of Viswabharati ?
- (A) President of India
(B) Governor of West Bengal
(C) Prime Minister of India
(D) Education Minister at the Central Government.
51. If $45 + 23 = 26$, $52 + 18 = 18$ and $67 + 22 = 46$, what is $83 + 21$?
- (A) 32 (B) 26
(C) 48 (D) 54.
52. Find out the odd member in the group :
- (A) 5243 (B) 7456
(C) 3645 (D) 6548.
53. If you are going to west in the afternoon, the sun will be visible at your left.
- (A) Never (B) Always
(C) Sometimes (D) Often.
54. What is found necessarily in desert ?
- (A) Wind (B) Watermelon
(C) Camel (D) Sand.
55. Which of the following skills are needed for present day teacher to adjust with the classroom teaching ?
- I. Knowledge of technology
II. Use of technology in teaching learning
III. Knowledge of students' needs
IV. Content mastery.
- Of these
- (A) I & III (B) II & III
(C) II, III & IV (D) II & IV

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56. Which of the following is a fact ?
- (A) Honesty is the best policy
 - (B) Rose smells by any name
 - (C) There is many a slip between the cup and the lip
 - (D) Truth triumphs at the end.
57. Effective communication takes place
- (A) when the communicator is an authority in the subject
 - (B) when passed through multimedia
 - (C) when the receivers are interested in the subject
 - (D) when the receivers are passive and patient receivers.
58. Research ethics depends on
- (A) being objective in observation
 - (B) following rules and regulations prescribed
 - (C) considering the advice given by the supervisor
 - (D) acknowledging the help received from others.
59. What is generally in practice in higher education is
- (A) testing what is taught
 - (B) teaching what is being tested
 - (C) monitoring students' progress in learning
 - (D) teaching for understanding by the students.
60. Choose the correct alternative from the given ones that will complete the series :
- 44, 56, 69, 83, ? , 114
- (A) 90
 - (B) 98
 - (C) 100
 - (D) 110.
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