

UGC NET June 2019 25th June Morning Shift

1.) As per the cognitive development theory of Jean Piaget, adolescent students are in which stage of development?

- (A) Sensory Motor Stage
- (B) Concrete Operational Stage
- (C) Operational Stage
- (D) Formal Operational Stage

2.) Below is given a list of teaching methods and approaches. Which among them are individualized approach?

- (i) Demonstration method
- (ii) Modular Approach based teaching
- (iii) Programmed learning
- (iv) Personalized teaching
- (v) Collaborative method

Select the correct answer using the codes given below:

Codes

- (A) (i), (ii) and (iii)
- (B) (ii), (iii) and (iv)
- (C) (iii), (iv) and (v)
- (D) (i), (iv) and (v)

3.) Which of the following statements is true in the case of a test prepared by you as a teacher?

- (A) If a test is reliable, it is objective
- (B) If a test is valid, it is reliable also
- (C) If a test is reliable, it is valid
- (D) If a test is valid and reliable, it is usable

4.) Which of the following statements best explains the concept of team teaching?

- (A) More than 2 teachers teach
- (B) More than 2 teachers plan and teach together the same class
- (C) More than 2 teachers plan and teach the same class as per their expertise
- (D) A team of teachers who are ready and available to teach the students

5.) Which among the following bases can be counted to judge the effectiveness of teaching?

- (i) Marks obtained by students in overall subjects
- (ii) Level of realization of instructional objectives
- (iii) Time taken by the students to learn
- (iv) Resources used by the teacher in teaching
- (v) Regularity of students in class

Select the correct answer using the codes given below:

Codes

- (A) (i), (ii) and (iii)
- (B) (ii), (ii) and (iv)
- (C) (iii), (iv) and (v)
- (D) (ii), (iii) and (iv)

6.) When the researcher does not know the identity of experimental and placebo groups, the study is termed as:

- (A) Blind
- (B) Double-blind
- (C) Panel
- (D) Cohort

7.) Research that focuses on social inequality between men and women is called:

- (A) Comparative Research
- (B) Longitudinal Research
- (C) Action Research
- (D) Feminist Research

8.) The easiest attitudinal scale which is a summated rating scale is the:

- (A) Guttman Scale
- (B) Likert Scale
- (C) Thurstone Scale
- (D) MLA Scale

9.) Quantitative Research is also called the:

- (A) Ethnographic Approach
- (B) Unstructured Approach
- (C) Descriptive Approach
- (D) Structured Approach

10.) In the research method, generalisations may be made that will be applicable to other situations of the same type. What is this called?

- (A) Cohort Study
- (B) Case Study
- (C) Panel Study
- (D) Blind Study

Read the passage carefully and answer the question:

Intelligence is associated with academic achievement by most people. The various theories of intelligence created by psychologists hold that there are two kinds of academic intelligence-verbal and mathematical or logical. Intelligence is an inherited trait that impacts individual behaviour and performance according to most experts. But many research studies have revealed that the environment greatly impacts the development of intelligence. Since, one property of intelligence is analytical and reasoning skills, people with high intelligence quotient will understand the problem at hand better than people with a low IQ.

Many organizations consider intelligence as an important criterion while recruiting. For instance, in many management schools, a lot of weightage is given to high IQ while admitting students or recruiting faculty members. The qualities of intelligent people are high energy drive, achievement and competitiveness. Very intelligent employees learn job-related skills and other organisational practices quickly and organisations have to spend less time training them. People with high intelligence have good decision making ability due to their good analytical and reasoning skills, with a high achievement drive, they are mostly very productive. As the saying goes, 'A wise enemy is better than a foolish' friend; Even with

such a high IQ very intelligent people may not always be very happy. The high IQ makes them dysfunctional leading to anxiety and depression. Generally speaking, people with at high intelligent quotient are often dissatisfied people.

11.) Another word for 'Weightage' is:

- (A) Credit
- (B) Mass
- (C) Weight
- (D) Freedom

12.) High energy, achievements and competitiveness are valued during:

- (A) Admission
- (B) Recruitment
- (C) Promotion
- (D) Admission and recruitment

13.) When a student stands first in the class, the general credit is given to:

- (A) Contacts
- (B) Intelligence
- (C) Hard Work
- (D) Attractive features

14.) Dissatisfaction is often witnessed in people with:

- (A) Creative skills
- (B) High expectations
- (C) Good decision- making ability
- (D) High education qualifications

15.) Those who understand a problem in a short span of time will be people with

- (A) High IQ
- (B) Low IQ
- (C) Average IQ
- (D) Good IQ

16.) Since most interactions with other people take place at a highly superficial level, making good _____ becomes difficult.

- (A) Course corrections
- (B) Predictions
- (C) Deeds
- (D) Announcements

17.) In both mass communication and classroom communication, filtering of information and contents is referred to as

- (A) Rationalisation
- (B) Gate keeping
- (C) Content correction
- (D) One-way flow

18.) If in a certain code, BAT = 23 and CAT = 24, then how you will code BALL?

- (A) 27
- (B) 28
- (C) 32
- (D) 39

19.) A group of 40 employees of Cadre A has a mean age of 31. A different group of 60 employees of Cadre B has a mean age of 28. What is the mean age of two employees of the two groups together?

- (A) 29.8
- (B) 29.5
- (C) 29.2
- (D) 29

20.) An aeroplane flies along the four sides of a square field at the speed of 400, 600, 800 and 200 km/hr. Find the average speed of the plane around the field.

- (A) 324 km/hr
- (B) 360 km/hr
- (C) 384 km/hr
- (D) 396 km/hr

21.) Identify the argument under which instancial propositions are inferable from Universal Proposition.

- (A) Deductive argument
- (B) Inductive argument
- (C) Reductive argument
- (D) Analogical argument

22.) Consider the argument provided below:

“Sound is impermanent because it is audible”

Identify the fallacy involved in the above argument on the basis of Indian Logic from the options given below:

- (A) Fallacy of Trivial reason
- (B) Fallacy of irrelevant reason
- (C) Fallacy of wrong assertion
- (D) Fallacy of contradictory reason

23.) The cognitive domain of communication involves matters related to:

- (A) Emotions
- (B) Knowledge
- (C) Fantasy
- (D) Escapism

24.) A perception where we do not have the knowledge of an object characterized by any predicate but an apprehension of some unrelated elements is called as?

- (A) Determinate Perception
- (B) Indeterminate Perception
- (C) Verbal testimony

(D) Implication

25.) In a classroom, a student to be an effective listener, has to take note of:

- (i) The teacher appearance
- (ii) The peer group
- (iii) The academic content
- (iv) Communication distractions

Select the correct answer using the codes given below:

- (A) (i), (ii) and (iii)
- (B) (ii), (iii) and (iv)
- (C) (i), (iv) and (iii)
- (D) (iii) and (iv)

26.) **Assertion 'A':** No enculturation takes place with resistance.

Reason 'R': People have their own values and self-interest that filter communicated messages.

Select the correct answer using the codes give below:

Codes

- (A) Both A and R are correct and R is the correct explanation of A
- (B) Both A and R are correct but R is not the correct explanation of A
- (C) A is correct but R is incorrect
- (D) A is incorrect, but R is correct

27.) The product of two numbers a and b is twice the sum of the numbers. What is the sum of the reciprocals of a and b?

- (A) $1/8$
- (B) $1/2$
- (C) 2
- (D) 4

28.) All gentlemen are polite

No criminals are polite

No criminals are gentlemen

Identify the major term in above syllogism.

- (A) Predicate in the premises
- (B) Subject in the premises
- (C) Subject of the first premise and predicate of the conclusion
- (D) Subject of the second premise and subject of the conclusion

29.) A retailer marks all his goods at 40% above the cost price and thinking that he will still make 20% profit, offers a discount of 20% on the marked price. What is his actual profit percentage on the sales?

- (A) 20%
- (B) 18%
- (C) 16%
- (D) 12%

30.) Bangalore is bigger than Jhansi, Satpura is bigger than Chittor, Rajgarh is not as big as Jhansi but is bigger than Satpura. Which is the smallest?

- (A) Bangalore
- (B) Jhansi
- (C) Satpura
- (D) Chittor

31.) What is the total number of females in English and Hindi departments together?

- (A) 315
- (B) 325
- (C) 335
- (D) 345

32.) What is the respective ratio of the number of male students in English Department to the number of male students in Mathematics Department?

- (A) 9 : 12
- (B) 9 : 20
- (C) 3 : 5
- (D) 45 : 60

33.) Which of the departments has maximum number of female students?

- (A) Physics
- (B) Chemistry
- (C) English
- (D) Mathematics

34.) The total number of students in the Chemistry department forms approximately what percent of the total number of students in the Mathematics department?

- (A) 90%
- (B) 95%
- (C) 105%
- (D) 110%

35.) Which of the department has minimum number of male students?

- (A) Physics
- (B) English
- (C) Hindi
- (D) Mathematics

36.) Which of the following is used to create web pages?

- (A) HTTP
- (B) URL
- (C) FTP
- (D) HTML

37.) The use of Information Technology (IT) to improve the ability of Government to address the needs of society is known as _____.

- (A) E- Business
- (B) E-Administration
- (C) E-Governance
- (D) E-Marketing

38.) Which of the following pollutants is included in the Air Quality Index in India?

- (A) Carbon Dioxide
- (B) Chlorofluoro carbons
- (C) Sulphur dioxide
- (D) Methane

39.) The initiative to establish International Solar Alliance was jointly taken by:

- (A) USA and India
- (B) France and India
- (C) Sweden and India
- (D) China and India

40.) Which of the following is a biological method of disposal of Municipal Solid Waste?

- (A) Land filling
- (B) Pulverization
- (C) Composting
- (D) Shredding

41.) The methods of learning in Higher Education in India in the past consisted of:

- (A) Memorization, Brain Storming Procedure and Seminar
- (B) Memorization, Critical Analysis and Story Telling
- (C) Critical Analysis, Assignment Writing and Oral reports
- (D) Story Telling, Brain Storming Procedure and Seminar

42.) 'Inspire scholarship' is intended by the funding agency _____.

- (A) Indian Council of Social Science and Research (ICSSR)
- (B) University Grants Commission (UGC)
- (C) Department of Science and Technology (DST)
- (D) National Council of Education, Research and Training (NCERT)

43.) The main two components of CPU are _____.

- (A) Control unit and ALU
- (B) ALU and BUS
- (C) Control unit and registers
- (D) Registers and main memory

44.) Which of the following is a search engine?

- (A) Flash
- (B) Fire fox

- (C) Internet explorer
- (D) Google

45.) Joint Photographic Experts Group (JPEG) is used to compress_____.

- (A) Music
- (B) Video
- (C) Image
- (D) Frame

46.) Which of the following is/are missions under the National Action Plan on Climate Change?

- (i) Sustaining the Himalaya Ecosystem
- (ii) Sustainable Forest Management
- (iii) Strategic Knowledge for Climate Change

Select the correct answer using the codes given below:

- (A) (i) and (ii) only
- (B) (ii) only
- (C) (ii) and (iii) only
- (D) (i) and (iii) only

47.) Blue- baby syndrome can happen due to excess of which component in water?

- (A) Calcium
- (B) Magnesium
- (C) Nitrates
- (D) Pesticides

48.) The medium of instruction in the Vedic system of education has been,

- (A) Sanskrit
- (B) Pali
- (C) Hindi
- (D) Urdu

49.) Name the scheme which aims to create research ambience in the Institutes by promoting research in engineering sciences.

- (A) E-Shooth Sindhu
- (B) Entrepreneurship Development Cell
- (C) Research Promotion Schemes (RPS)
- (D) Institution Development Scheme

50.) National Curriculum Framework was developed by which of the following?

- (A) UGC
- (B) NCERT
- (C) NCTE
- (D) CBSE