

UGC NET Dec 2018 21st December Evening shift

1.) With what name an attribute like height, weight or happiness that is measurable and that is assigned with changing values be called?

Options:-

- (A) Variable
- (B) Sample
- (C) Statistics
- (D) Heuristic

2.) Which among the following provides the strongest evidence of cause-and-effect relationship between independent and dependent variables?

Options:-

- (A) Descriptive statistics
- (B) Non-experimental approach
- (C) Co relational approach
- (D) Experimental approach

3.) According to Bloom's traditional taxonomy, the highest level of learning in cognitive domain is:

Options:-

- (A) Comprehension
- (B) Analysis
- (C) Evaluation
- (D) Application

4.) There are teaching aids which are centered around certain skills such as reading, listening and pronunciation etc. such teaching aids are called as:

Options:-

- (A) Scientific teaching aids
- (B) General knowledge teaching aids
- (C) Skill based teaching aids
- (D) Audio-lingual teaching aids

5.) Assignment method of teaching is a combination of which of the following?

Options:-

- (A) Lecture-cum-demonstration method and laboratory method
- (B) Lecture method and field visit method

- (C) Project method and lecture method
- (D) Heuristic method and problem solving method

6.) Which one of the following is incorrectly matched between the proponent and the theory of education advocated by him?

Options:-

- (A) Plato-Idealism
- (B) Rossean-Naturalism
- (C) Plato-Naturalism
- (D) Dewey-Pragmatism

7.) There are some best practices of using teaching aids in classroom. Below are given certain teaching media aids, please match them according to the size of the class in terms of number of students and the teaching aid to be used:

Set-I

- (a) Small size class of 2-3 students
- (b) Medium size class of 10-15 students
- (c) Large size class of 20-25 students
- (d) Extra large size class of more than 30 students

Set-II

- (i) Flip-chart or white board
- (ii) Power point slides
- (iii) Oral presentation with display screen
- (iv) Writing on paper

Options:-

Code: (a) (b) (c) (d)

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

8.) Heuristic method of teaching was developed by:

Options:-

- (A) H.E. Armstrong
- (B) John Dewey
- (C) Friedrich Froebel
- (D) Anne Sullivan

9.) A research report will contain:

- (a) Financial accounts
- (b) Prefatory parts
- (c) Utilisation certificates
- (d) Title page
- (e) Table of contents
- (f) Terminal chapters

Options:-

- (A) (b), (d), (e) and (f)
- (B) (c), (d), (e) and (f)
- (C) (a), (c), (d) and (e)
- (D) (a), (b), (c) and (e)

10.) The originality of a research topic will depend upon factors of:

- (a) Uniqueness of the topic
- (b) Utilitarian dimensions
- (c) Support system
- (d) Non-requirement of supervision
- (e) Feasibility of the study

Options:-

- (A) (a), (b), (c) and (d)
- (B) (a), (b), (d) and (e)
- (C) (b), (c), (d) and (e)
- (D) (a), (b), (c) and (e)

Read the following passage carefully and answer questions from 11 to 15:

We live in a world characterized by greater universal aspirations to full participation in the life of societies. What is more, in every society there is a constantly growing need to take full advantage of its reserves of intelligence, talent and energy. Here the need to improve the quality of education is emphasized. Clearly, any assessment of quality involves a value judgement that is coloured by what one expects of education. A good-quality education should meet three essential criteria: it should be democratic, it should be socially effective and it should be motivated by a humanism that does not allow it to be subordinated exclusively to the criterion of productivity. This calls for a critical appraisal of the highly debatable tendency to give priority to allegedly “practical” knowledge as opposed to mind-broadening subjects, topics for thought, artistic expression or the philosophical approach. The link between education and work formed another theme which was frequently brought up. There is a grave concern regarding the wide discrepancies between education and employment.

UNESCO, for a long time now, has made a point of studying the interactions between education, work and employment as part of its action in the field of planning. It has to be said that it is very difficult to plan education strictly in accordance with employment forecasts, in view of the growing diversity of modern economies and the extremely rapid changes to which they are subject. It has been shown that greater flexibility in the structures and functioning of education provides the best guarantee against the danger that it will be ill-adapted to rapid change.

11.) The passage emphasises the factors of:

- (a) Need for quality education
- (b) Link between education and work
- (c) Balance between mind-broadening subjects with practical knowledge
- (d) Not planning education for meeting the needs of modern economies
- (e) Flexibility in the structures of education
- (f) Subjecting education to rapid changes

Options:

- (A) (a), (d), (e) and (f)
- (B) (b), (d), (e) and (f)
- (C) (a), (b), (c) and (e)
- (D) (a), (c), (d) and (f)

12.) What is coloured by the expectation of education?

Options:

- (A) Identification of motivation
- (B) Value judgement
- (C) Assessment of expected outcome
- (D) A critical appraisal of debatable tendencies

13.) Why is there a need in every society to take advantage of intelligence, talent and energy?

Options:-

- (A) To participate in the life of societies
- (B) To preserve the reserves of these factors cited
- (C) To characterise the world with universal aspirations
- (D) To assess the educational needs

14.) What is the action of UNESCO in the field of planning?

Options:

- (A) Not to plan education for work

- (B) To study the linkage between education and work
- (C) Expressing grave concern on discrepancies between education and life
- (D) Focusing on artistic expression

15.) The Characteristic of humanism should be:

Options:

- (A) Planning education for employment
- (B) Priority to practical knowledge
- (C) Opposition to philosophical approach
- (D) Non-sub-ordination to productivity notion

16.) It is estimated that the meaning derived by the students from non-verbal communication in relation to verbal communication is _____ more.

Options:-

- (A) 1/6
- (B) 2/3
- (C) 2/7
- (D) 1/3

17.) Iconic Production of classroom communication includes:

- (A) Scripting
- (B) Graphics
- (C) E-mail
- (D) Telephone

18.) If FIST is coded as JMWX, and then the code for BOAT will be:

Option:-

- (A) FSEX
- (B) BCFX
- (C) CDEX
- (D) ESFX

19.) Which of the following statements are correct with regard to the 'truth and validity' in logically reasoning. Select the correct code from the below:

- (a) Truth and falsity are attributes of individual propositions.
- (b) Validity and invalidity are attributes of individual propositions.
- (c) Truth and falsity are attributes of arguments.

(d) Validity and invalidity are attributes of arguments

Options:-

- (A) (a) and (c)
- (B) (a) and (d)
- (C) (a) and (b)
- (D) (b) and (d)

20.) Among the following which one of the arguments is rooted in empirical investigation?

Options:-

- (A) Hypothetical
- (B) Inductive
- (C) Implicative
- (D) Deductive

21.) The next term in the number series 41, 27, 16, 8, _____ is:

Options:-

- (A) 2
- (B) 3
- (C) 4
- (D) 1

22.) Among the following, there are two statements which can't be true together, but can be false together. Select the code that represents them:

Statements:-

- (a) All bats are mammals.
- (b) Some bats are mammals.
- (c) Some bats are not mammals.
- (d) No bats are mammals.

Options:-

- (A) (b) and (c)
- (B) (a) and (b)
- (C) (a) and (c)
- (D) (a) and (d)

23.) Identify the correct reasoning in the following argument:

“An English women lecturing Americans on semicolons is a little like an American lecturing the French on sauces”.

Options:-

- (A) Hypothetical
- (B) Deductive
- (C) Analogical
- (D) Inductive

24.) Which one of the following is known as fourth estate?

Options:

- (A) Parliament
- (B) Office of the President of India
- (C) Judiciary
- (D) Media

25.) Pointing to the photograph of a girl, Sukanya said, "She is the daughter of my mother". How is Sukanya related to the girl in the photograph?

Options:-

- (A) Aunt
- (B) Sister
- (C) Mother
- (D) Information incomplete

26.) The next term in the letter series IN, HL, GJ, FH, EF, _____ is :

Options:-

- (A) BC
- (B) BD
- (C) DD
- (D) DE

27.) The primary bases of inter-personal power in relation to classroom communication are:

- (a) Coercive power
- (b) Reward power
- (c) Legitimate power
- (d) Recreational power

Options:-

- (A) (b), (d) and (e)
- (B) (a) and (e)
- (C) (a), (b), and (c)

(D) (a), (c) and (e)

28.) Assertion "A": Making good predictions in classroom communication may become difficult.

Reason "R": It happens when interactions with students takes place at superficial level.

Options:

(A) Both "A" and "R" are true, but "R" is not the correct explanation of "A".

(B) Both "A" and "R" are true.

(C) "A" is true, but "R" is false.

(D) "A" is false, but "R" is true.

29.) Given below are two premises (a and b). Four conclusions are drawn from them. Select the code that states validly drawn conclusion(s) [taking premises individually or jointly].

Premises:

(a) All mammals are warm-blooded animals.

(b) No lizards are warm-blooded animals.

Conclusions:

(i) No lizards are mammals.

(ii) Some lizards are not mammals.

(iii) No warm-blooded animals are lizards.

(iv) All warm-blooded animals are mammals.

Options:-

(A) (i), (ii) and (iii)

(B) (ii) and (iii)

(C) (i) and (ii)

(D) (iii) and (iv)

30.) Feedback makes the classroom communication process:

(a) Linear

(b) Circular

(c) Complete

(d) Interactive

(e) Disorganized

Options:-

(A) (e), (a) and (b)

(B) (d), (e) and (a)

(C) (c), (d) and (e)

(D) (b), (c) and (d)

Data for Q31 to Q33 given below:

Year	The number of candidates Appeared (A), Passed (P) and Selected (S) in a competitive exam in two states					
	State X			State Y		
	A	P	S	A	P	S
2010	990	195	48	1120	240	60
2011	650	150	44	960	180	52
2012	840	180	50	885	177	64
2013	780	160	64	1040	220	60
2014	1020	220	72	980	280	68
2015	930	215	70	900	228	48

Based on the above table, answer the following three questions.

31.) In the year 2012, percent of candidates who failed in State X was nearly:

Options:-

- (A) 95%
- (B) 90%
- (C) 50%
- (D) 80%

32.) In State X, the overall pass % during the period 2010 – 2015 was nearly :

Options:-

- (A) 40%
- (B) 5%
- (C) 50%
- (D) 20%

33.) In the year 2015, the % of candidates who passed in State X and Y taken together was nearly:

Options:-

- (A) 10%
- (B) 66%
- (C) 25%
- (D) 50%

Answer Q 34 and Q 35 based on the following data:

Look at the following diagram:

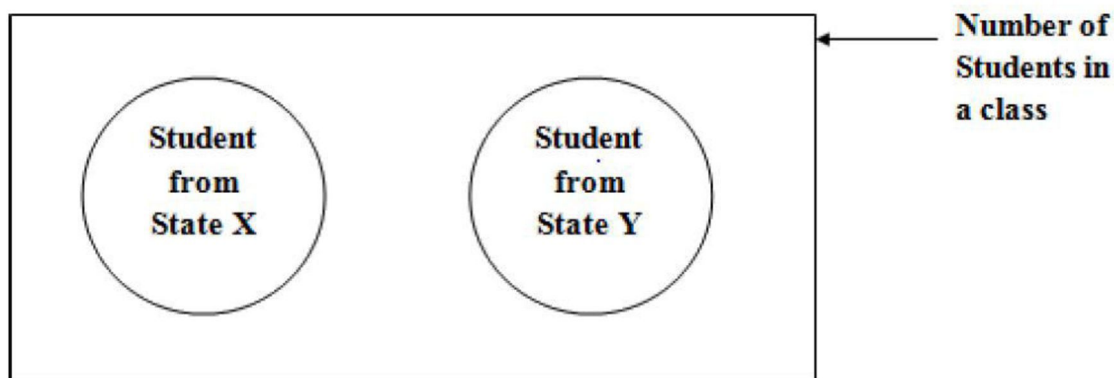


Image of Number of Student in a Class

Suppose you are given the following:

- (a) Number of students in the class=1,000
- (b) Number of students in the class from State X=200
- (c) Number of students in the class from state Y=300

With the above information, answer the following two questions:

34.) What is the percentage (%) of students from States other than X and Y in the class?

Options:-

- (A) 30%
- (B) 20%
- (C) 10%
- (D) 50%

35.) Suppose that 40% of the students in the class are female students. The number of female Students from State X is 50 while the number of female students from State Y is 180. What is the number of female students from other states in the class?

Options:-

- (A) 170
- (B) 150
- (C) 100
- (D) 130

36.) Which among the following envisaged a common educational structure like 10+2+3 as a common core in the curricular programme?

Options:-

- (A) All India Council of Technical Education
- (B) National Policy on Education (NPE), 1986

- (C) Sinha Committee
- (D) Kothari Commission

37.) In comparison to secondary storage, the primary storage is:

Options:-

- (A) Slower and lesser expensive
- (B) Faster and lesser expensive
- (C) Slower and more expensive
- (D) Faster and more expensive

38.) International Drinking Water Supply and Sanitation Decade (IDWSSD) was observed between:

Options:-

- (A) 1991-2000
- (B) 1971-1980
- (C) 1965-1975
- (D) 1981-1990

39.) Consider the following statements:

- (a) The radiation reflected back to the atmosphere is called albedo.
- (b) The atmosphere is essential in maintaining the heat balance of the body.
- (c) The heat and sunlight both pass through the atmosphere.

Which of the statements(s) given above is/are correct?

Options:-

- (A) (a) and (b)
- (B) (a), (b) and (c)
- (C) Only (a)
- (D) (b) and (c)

40.) Which of the following printers use dry ink powder?

Options:-

- (A) Dot Matrix Printer
- (B) Thermal Printer
- (C) Ink Jet Printer
- (D) Laser Printer

41.) Internet Explorer, Mozilla Firefox and Opera are referred to as:

Options:-

- (A) Browsers
- (B) Application Software
- (C) Web Servers
- (D) System Software

42.) SIM means:

Options:-

- (A) Subscriber Information Module
- (B) Special Identity Module
- (C) System Information Module
- (D) Subscriber Identity Module

43.) Assertion "A": Environmental and social impact assessments never overlap with each other.

Reason "R": Environmental and social impact assessments are effectively opposite ends of the same spectrum.

Options:

- (A) "A" is false, but "R" is true.
- (B) Both "A" and "R" is not the correct explanation of "A".
- (C) Both "A" and "R" are true and "R" is the correct explanation of "A".
- (D) "A" is true, but "R" is false.

44.) What is the long term effect of cutting down larger areas of rain forests?

Options:-

- (A) Increased rate of soil erosion
- (B) Increased rainfall in these areas
- (C) Decreased carbon dioxide content in the air
- (D) Decreased flooding of low-laying land

45.) Firewalls are used to protect a computer on a network against:

Options:-

- (A) Internal attacks
- (B) Unauthorized attacks
- (C) Authorized attacks
- (D) Fire attacks

46.) The Washington Accord, an international agreement for engineering accreditation bodies, has Indian representation through:

Options:-

- (A) NBA
- (B) NAAC
- (C) Higher Education Council of India
- (D) UGC

47.) Which scheme of Govt. of India was launched for the development of secondary education in public schools?

Options:-

- (A) Rashtriya Madhyamik Shiksha Abhiyan
- (B) Rashtriya Uchchatar Shiksha Abhiyan
- (C) Global Initiative of Academic Network
- (D) Sarva Shiksha Abhiyan

48.) In which year Secondary Education Commission was appointed under the chairmanship of Dr. A.L. Mudaliar?

Options:-

- (A) 1952
- (B) 1962
- (C) 1950
- (D) 1951

49.) Recent study showed that, River Ganga will not flow cleaner in the near future. Which of the following reasons is false?

Options:-

- (A) Climatic change
- (B) Increased sewage
- (C) Failure of treatment plants
- (D) Thinning of Flow rate of the river

50.) The National Education Day is celebrated every year on:

Options:-

- (A) November 5
- (B) November 14
- (C) November 25
- (D) November 11