

UGC NET Dec 2019 3rd December Morning Shift

1.) A sum of money with compound interest becomes Rs. 2,400 in one year and Rs. 3,000 in two years. Find out the principal amount.

- (A) Rs. 1,900
- (B) Rs. 1,910
- (C) Rs. 1,915
- (D) Rs. 1,920

2.) Which of the following evaluation systems belongs to the category of being an innovative practice?

- (A) Semesterized examinations
- (B) Performance evaluation
- (C) Portfolio based evaluation
- (D) Learning outcome-based evaluation

3.) Effective classroom communication can transform

- (A) academic administration
- (B) academic marketing
- (C) teaching-learning process
- (D) management strategies

4.) "All tigers are animals". This is an example of which type of proposition?

- (A) Particular Negative
- (B) Particular Affirmative
- (C) Universal Negative
- (D) Universal Affirmative

5.) In the post positivistic approach to research which of the following types of researches got emphasized?

- (a) Experimental research
- (b) Phenomenological research
- (c) Ethnographic research
- (d) Ex Post facto research
- (e) Action research

Give the correct answer from the options given below:

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

6.) In which of the following formats, 'Research Abstract' is a must?

- (a) Research article
- (b) Seminar paper presented
- (c) Thesis
- (d) research synopsis

Choose the most appropriate option from those given below:

- (A) (a), (c) and (d)

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

7.) From the list given below identify those competencies of an effective teacher which relate to the domain of personality and attitude.

- (a) locus of control
- (b) Communicating
- (c) Managing
- (d) Self-efficacy
- (e) Teacher enthusiasm
- (f) being organised and orderly

Select the correct answer from the options given below:

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

8.) The term 'Yogaja'(intuitive) pertains to which of the following pramanas?

- (A) Perception
- (B) Inference
- (C) Verbal testimony
- (D) Comparison

9.) In which level of teaching, lower level learning outcomes get focused?

- (A) Memory level
- (B) Understanding level
- (C) Reflective level
- (D) Autonomous development level

10.) Which of the following pramanas is used by classical Indian school of logic to prove the existence of God?

- (A) Arthapatti (postulation)
- (B) Upamana (comparison)
- (C) Perception (Pratyaksa)
- (D) Inference (Anumana)

11.) Which of the following are rhetorical techniques for structuring classroom communication?

- (a) Relating the day's topic to students' interests
- (b) Providing scattered information to the target audience
- (c) Smooth transition from one idea to another
- (d) Avoiding the use of artifacts
- (e) Using media to improve the quality aspect of reception of messages
- (f) Opting for one-way communication

Choose the correct answer from the options given below:

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

(D) (d), (e) and (f)

12.) Communication in the classroom takes place in which of the following levels?

- (A) Opportunistic meaning
- (B) Surface meaning
- (C) Noise-level meaning
- (D) Non-coded meaning

13.) If $x : y = 7 : 9$ then $3x - 5y : 4x + y = ?$

- (A) $\frac{-24}{37}$
- (B) $\frac{-22}{37}$
- (C) $\frac{15}{22}$
- (D) $\frac{42}{37}$

14.) A university teacher intends to study the relationship between level of aspiration and achievement of rural children. Which design of research will be most appropriate in the context?

- (A) Experimental research design
- (B) Ex Post Facto research design
- (C) Historical research design
- (D) Survey research design

15.) Which one is the wrong number in the given series?

3, 13, 43, 53, 63, 83

- (A) 13
- (B) 53
- (C) 63
- (D) 83

16.) Given below are two statements – one is labelled as Assertion A and the other is labelled as Reason R.

Assertion A: Defining the objectives of the topic of discussion is not necessarily the first step in classroom communication

Reasons R: Clear definitions of objectives make students understand the topic well.

In the light of the above stated two statements, choose the correct option from the choices given below:

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

17.) The inference “A mouse is an animal. Therefore, a large mouse is a large animal” commits which one of the following fallacies?

- (A) Straw man
- (B) Slipper slope
- (C) Equivocation
- (D) Fallacy of composition

18.) In which of the following propositions, both can be true simultaneously but cannot be false simultaneously?

- (A) Contrary
- (B) Contradiction
- (C) Sub contrary
- (D) Subaltern

19.) A is father of B and C is sister of A. D is grandson of C. How is D related to B?

- (A) Uncle
- (B) Nephew
- (C) Cousin
- (D) Grandson

20.) Hypothesis testing is the main concept of which type of research?

- (A) Experimental research
- (B) Historical research
- (C) Survey research
- (D) Exegetic research

21.) If $HPU = 9$, $JNU = 9$, then $DU = ?$

- (A) 5
- (B) 6
- (C) 4
- (D) 7

22.) Which of the following sequences represents the most logical sequence in doing research?

- (A) Identifying and defining a research problem, formulating a hypothesis, testing of hypothesis and reporting the results
- (B) Identify a research problem, defining the population and sample, collecting data and analysis of data
- (C) Survey of research, defining the research problem, collecting data and presenting the outcomes
- (D) Defining research variables, hypothesizing, testing of research and reporting of research outcomes

23.) The purpose of ICT use in education is to

- (A) Attract students
- (B) Make teaching interesting
- (C) Optimise learning outcomes
- (D) Promote technology culture in teaching

24.) In the spectrum of teaching methods which of the following will be called 'dialogic'?

- (a) Demonstration method
- (b) Problem-solving method
- (c) Chalk and talk method
- (d) Team teaching based method
- (e) Interactive presentation

(f) Tutorials

Select your answer from the options given below:

(A) (a), (b) and (c)

(B) (b), (c) and (d)

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

(D) (b), (e) and (f)

25.) Learner communication has relatively high potential of challenging

(A) Teaching as profession

(B) Innovative and creative ideas

(C) Methods of evaluation

(D) Long-held attitudes

Directions (Que.: 26-30)

The following table gives the sales of computers of different types or brands over the years 2001 to 2007. Based on data, answer the questions (26-30).

Number of different types of computers sold (In thousands).

Years	Types of Computers			
	Lenovo	Acer	IBM	HCL
2001	20	40	50	80
2002	30	25	60	70
2003	50	50	50	55
2004	60	70	40	35
2005	70	85	70	25
2006	80	45	80	20
2007	90	60	100	10

26.) Name the type of computer for which the total sale in all the seven years is maximum?

(A) IBM

(B) Lenovo

(C) Acer

(D) HCL

27.) The percentage increase in the sales of Lenovo computers in 2007 compared to sales in 2001 is

(A) 200%

(B) 250%

(C) 300%

(D) 350%

28.) Name the type / brand of computer whose sale has decreased continuously over the years 2001 to 2007.

(A) Lenovo

(B) Acer

(C) IBM

(D) HCL

29.) In which year, the percentage of Acer computers sold is maximum as compared to the total number of computers?

(A) 2003

(B) 2004

(C) 2005

(D) 2007

30.) The difference in the number of Acer computers sold in 2002 and 2005 is

(A) 15,000

(B) 20,000

(C) 45,000

(D) 60,000

31.) Which of the following is most suitable for being designated as Fourth Generation Language (4GL)?

(A) ALGOL

(B) Java

(C) C

(D) SQL

32.) Biosphere reserves are:

(i) area comprising terrestrial, marine and coastal ecosystems

(ii) monitored by national governments

(iii) areas where threatened animals and plants are kept in their habitat

(iv) wildlife sanctuaries

Choose the correct statements from the options given below:

(A) (i) and (ii)

(B) (ii) and (iii)

(C) (iii) and (iv)

(D) (i) and (iv)

33.) Which of the following terms is related to the digital learning environment for design?

(A) e-Vidwan

(B) e-Acharya

(C) e-Kalpa

(D) e-Yantra

34.) A green building

(i) uses minimum amount of energy

(ii) generate waste

(iii) consumes a lot water

(iv) conserves natural resources

(v) creates space for healthy living

Choose the correct statements from the options given below:

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

(B) (i), (iv) and (v)

- (C) (ii), (iii) and (v)
- (D) (ii), (iv) and (v)

35.) Identify values specially related to organizational ethos from the list given below:

- (i) Team work in the approach
- (ii) Productivity of the tasks
- (iii) Changes in the global contents
- (iv) Financial security
- (v) Humility in dealing with others' concerns
- (vi) Technological resources

Choose your answer from the options given below:

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

36.) Methane, a greenhouse gas, is emitted from

- (a) Landfills
- (b) construction debris
- (c) wet lands
- (d) e-waste

Choose the correct statements from the options given below:

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

37.) In computer related activities, which of the following is inappropriate for describing a language translator?

- (A) Assembler
- (B) Compiler
- (C) Interpreter
- (D) Codec

38.) The share of which of the following sources of energy in electricity generation in India at presents the least?

- (A) Thermal
- (B) Solar and Wind
- (C) Hydro
- (D) Nuclear

39.) Identify the distinctive feature of traditional method of Indian education from the following list:

- (A) 'Direct perception of truth' -both as means and end
- (B) Making everything on 'Trust'
- (C) Evolving own way of learning
- (D) Following Nyaya Philosophy with Deductive-Inductive Process

40.) Which of the following provides the overarching vision research into socially relevant areas?

- (A) ARILA
- (B) IMPRINT
- (C) NIRF
- (D) SWAYAM PRABHA

41.) In which of the following, 'One Nation, One Standard' is mentioned as the 'mantra' to ensure national standards and quality.

- (A) National Policy on education-1968
- (B) National Policy on education-1986
- (C) National Policy for Skill Development and Entrepreneurship-2015
- (D) NITI Aayog- Three Year Action Agenda -2017-18 to 2019-2020

42.) Non- traditional teaching and learning strategies lay emphasis on

- (i) Students' need based resource materials and learning standards
- (ii) Developing skills, attitude and values
- (iii) Promoting In-Box thinking process
- (iv) Lecture based model
- (v) Acquiring knowledge necessary to respond creatively

Select your answer from the following options:

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

43.) Which of the following tools is a collaboration tool for virtual classroom environment?

- (A) A-Lab
- (B) A-View
- (C) A-Tutor
- (D) A-Learner

44.) Given below are two statements – one is labelled as Assertion A and the other is labelled as Reason R.

Assertion A: Sniffing may be used to steal data or information over a network.

Reasons R: Sniffing is a process of monitoring and capturing all data packets passing through given network

In the light of the above stated two statements, choose the correct option from the choices given below:

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

45.) National Disaster Management Authority is an agency of the Ministry of

- (A) Jal Shakti
- (B) Home Affairs
- (C) Earth Science

(D) Housing and Urban Affairs

Read the passage carefully and answer questions that follow:

The pre-first world war era is really in a way well suited for an in-depth evaluation of popular movements, as they were spontaneous and no more than, marginally affected intelligentsia ideologies, objectives or techniques. The limitations of such spontaneity are fairly clear. Popular movements were directed usually against the immediate Indian oppressor rather than the distant white superior, and so were often not consciously or subjectively anti-imperialist. They tended to be fairly widely scattered in both space and time and were extremely volatile with different social forms of articulation interpenetrating and passing over each other with bewildering ease. All this makes it rather difficult to accept without some qualification the concept of 'Peasant Nationalism' as a coherent alternative to elite patriotic ideologies and movements, popular initiative and autonomy were undoubted, even remarkable at times, but, unlike middle class nationalism which does have certain continuity, at the level of ideology at least, from the formulation of the drain of wealth theory in the 1870s onwards, the movement that have been considered were clearly fragmented. Yet despite such limitations and crudities, popular unrest did anticipate much of middle class nationalism in terms of issues and forms of struggle, while its specific gains were at times not inconsiderable. Forest rights, the burdens of rent, usury and land revenue, planter exploitation and labour grievances were all themes taken over by middle class nationalism later.

46.) What is the author's assessment of the popular movements?

- (A) Some of the popular issues were taken over by middle class nationalism
- (B) It was bewildering and amusing
- (C) It was remarkable and time-tested
- (D) Pre-war popular unrest was anti-imperialist

47.) The pre-war popular movements were of

- (A) uniform social form
- (B) insignificant value
- (C) middle class nationalism
- (D) specific gain at times

48.) The popular movements were

- (A) against imperialists
- (B) against their masters
- (C) consciously violent
- (D) time bound

49.) According to the passage, the issue with peasant nationalism was

- (A) a viable alternative to elite nationalism
- (B) coherence and control
- (C) lack of continuity
- (D) quite timely

50.) What does the analysis of pre-first world war popular movements reveal?

- (A) Intelligentsia's influence on popular movement was less
- (B) The movements were ideological
- (C) The movements had clear objectives

(D) Limited spontaneity