

UGC NET June 2019 24th June Morning Shift

1.) The research design is specifically related to which of the following features in research?

- (i) Sample Selection
- (ii) Formulation of a plan
- (iii) Deciding about the tool for data collection
- (iv) Hypothesis making
- (v) Choice of a field of inquiry

Select your answer from the options given below: (UGC NET 24th June 2019 Morning Paper)

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

2.) To organize discussion method in teaching effectively, which of the following conditions should be met?

- (a) Topic be easy
- (b) Topic be declared in advance
- (c) Topic of common interest
- (d) Availability of more than one teacher
- (e) Language facility of participants

Select appropriate answer from the options given below: (UGC NET 24th June 2019 Morning Paper)

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

3.) Through which research method, the manipulation of an independent variable and its effect on dependent variable is examined with reference to a hypothesis under controlled conditions? (UGC NET 24th June 2019 Morning Paper)

- (A) Ex-post facto research
- (B) Descriptive research
- (C) Case study research
- (D) Experimental research

4.) In which of the following research studies interpretation and meaning get more attention than formulation of generalizations?

- (i) Historical studies
- (ii) Survey studies
- (iii) Philosophical studies
- (iv) Ethnographic studies
- (v) Hypothetical – deductive studies
- (vi) Ex-post facto studies

Choose your answer from the options given below: (UGC NET 24th June 2019 Morning Paper)

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

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

5.) Which among the following best describes the Emotional Intelligence of learners?

- (a) Understand the emotion of other people and your own
- (b) Express oneself very strongly
- (c) Being rational in thinking
- (d) Adjusting one's emotion as per situation
- (e) Being creative and open to criticism
- (f) Accepting other people as they are

Choose your answer from the options given below: (UGC NET 24th June 2019 Morning Paper)

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

6.) Who developed the theory of 'Multiple Intelligence'? (UGC NET 24th June 2019 Morning Paper)

- (A) Alfred Binet
- (B) L. Thurstone
- (C) Charles Spearman
- (D) Howard Gardner

7.) Which of the following statements explains the concepts of inclusive teaching? (UGC NET 24th June 2019 Morning Paper)

- (A) Teacher facilitates the learning of the gifted students
- (B) Teacher facilitates the learning of the weak students
- (C) Teacher takes support of parents of the students to make them learn
- (D) Teacher makes the students of different backgrounds to learn together in the same class

8.) From the list of the effective teaching behaviours, identify those which are called key behaviours.

- (i) Direct, audible and oral delivery to all students
- (ii) Encouraging students to elaborate on an answer
- (iii) Warm and nurturing relationships with learners
- (iv) Varying modes of presentation
- (v) Preventing misbehavior with a minimum of class disruption
- (vi) Organizing what is to come and summarizing what has gone before

Select your answer from the options given below: (UGC NET 24th June 2019 Morning Paper)

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

9.) Bibliography given in a research report (UGC NET 24th June 2019 Morning Paper)

- (A) Helps those interested in further research
- (B) Shows the vast knowledge of the researcher
- (C) Makes the report authentic

(D) Is an optional part of the report

10.) Which of the following is a plagiarism checking website? (UGC NET 24th June 2019 Morning Paper)

- (a) <http://go.turnitin.com>
- (b) <http://www.researchgate.com>
- (c) <http://www.editorial.elsevier.com>
- (d) <http://www.grammarly.com>

Options

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

Answer the following questions based on the passage given below: (UGC NET 24th June 2019 Morning Paper)

Michaelangelo is famous for having successfully interpreted the human body. His great achievement is that of the painting of David whose hands reach out as a sign of human capability and potential. It is assumed that the time he lived was ripe for exchange of knowledge, development in science and matured enough to advance the horizon of investigation in all fields. Renaissance humanism stressed on a serious rethink on the nature of art that focused on accurate details. In painting and sculpture, artists focused on not so casual but verifiable and minute details. Michaelangelo's paintings are no exception to it. In a study published in the journal of the Royal Society of medicine, a group of surgeons are of the opinion that the great master was "afflicted by an illness involving his joints". They have used his portraits as evidence to argue their view. During his life, he complained of what he felt to be 'gout'. Later he complained of his sore and stiff hands which the doctors would find to be natural for someone who was engaged in handmade art. The doctors found corroboration of those claims in portraits of the artist that show a hanging left hand with both degenerative and non-degenerative changes. They attribute the pain not just to arthritis, but to the stress of hammering and chiseling and note that though the master was seen hammering days before his death at an old age, he did not write or sign his own letters before his death. In recent times there have been attempts to diagnose famous artists with diseases that were not known during their time. This practice has raised many questions, especially on the issue of ethics in research. It is also inferred from authentic analysis that Michaelangelo persisted in his work until his last days. This theory would emphasize that his artistic subject defied his physical infirmities.

11.) Which actually may be concluded from the above passage?

- (A) Physical infirmities do dissuade people with capabilities from excelling
- (B) Excellence in any form triumphs over extraneous factors including physical ailments
- (C) Michaelangelo's gout and other ailments lessened his efficiency
- (D) The diseases Michaelangelo faced were due to constant hammering

12.) The controversy that the passage above refers to is whether

- (A) Michaelangelo worked under duress
- (B) Michaelangelo could contain his physical infirmity by artistic excellence
- (C) Michaelangelo submitted to disease
- (D) Michaelangelo survived different diseases before pursuing art

13.) What generalizations do people subscribe to?

- (A) Establishing facts by DNA tests
- (B) Inferring the essence of character from famous people's handwriting
- (C) Carbon dating of the hair of celebrities to draw conclusion on their physical structure
- (D) To retroactively diagnose famous artists and public figures of conditions that was not prevalent during their time

14.) Michaelangelo lived during a time that let us know that

- (A) Human aspirations are limitless and open to new vistas of knowledge
- (B) Cross cultural exchange in ideas is the only way for human progress
- (C) It is progress of science and anatomy that contributes to civilizations exclusively
- (D) Human beings possess language which is the only key to knowledge

15.) Renaissance painting in Europe was skeptical of

- (A) The obsessive medieval method of accuracy
- (B) The classical simplicity and lack of control
- (C) The case of decorative excess of earlier art
- (D) Expressionist technique

16.) Choose the correct sequence of communication from the options given below: (UGC NET 24th June 2019 Morning Paper)

- (A) Information – exposure – persuasion – behavioural change
- (B) Persuasion – information - behavioural change - exposure
- (C) Exposure – information – persuasion - behavioural change
- (D) Behavioural change - information – persuasion - exposure

17.) Identify the reasoning in the following argument: (UGC NET 24th June 2019 Morning Paper)

‘Use of teaching aids in the classroom to enhance learning is important in a similar way as that of the use of ICT for production of knowledge’.

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

18.) The proposition ‘No historians are non-mathematician’ is equivalent to which of the following proposition? (UGC NET 24th June 2019 Morning Paper)

- (A) All historians are mathematicians
- (B) No historians are mathematicians
- (C) Some historians are mathematicians
- (D) Some historians are not mathematicians

19.) For all integers $y > 1$,

$$\{y\} = 2y + (2y - 1) + (2y - 2) + \dots + 1.$$

What is the value of $\langle 3 \rangle \times \langle 2 \rangle$? Where $\times$ is a multiplication operator? (UGC NET 24th June 2019

Morning Paper)

- (A) 116
- (B) 210
- (C) 263
- (D) 478

20.) The dance of the honeybee conveying to other bees where nectar will be found is an example of (UGC NET 24th June 2019 Morning Paper)

- (A) Mass communication
- (B) Group communication
- (C) Interpersonal communication
- (D) Intrapersonal communication

21.) Which of the following is a function of mass media? (UGC NET 24th June 2019 Morning Paper)

- (A) To transmit culture
- (B) To formulate national policies
- (C) To help the judiciary take its decisions
- (D) To stabilize the share market

22.) A sum of money doubles at compound interest in 6 years. In how many years will it become 16 times? (UGC NET 24th June 2019 Morning Paper)

- (A) 16 years
- (B) 24 years
- (C) 48 years
- (D) 96 years

23.) 'All republics are grateful' and 'Some republics are not grateful' cannot both be true, and they cannot both be false. This is called as (UGC NET 24th June 2019 Morning Paper)

- (A) contraries
- (B) contradictories
- (C) subaltern
- (D) super altern

24.) Today's media-society equation is largely (UGC NET 24th June 2019 Morning Paper)

- (A) Mystical
- (B) Morally bound
- (C) Consumer conscious
- (D) Tradition centric

25.) In a new budget, the price of petrol rose by 25%. By how much percent must a person reduce his consumption so that his expenditure on it does not increase? (UGC NET 24th June 2019 Morning Paper)

- (A) 10%
- (B) 15%
- (C) 20%
- (D) 25%

26.) In a classroom situation, a teacher organizes group discussion to help arrive at a solution of a problem. In terms of a model of communication used, it will be called (UGC NET 24th June 2019 Morning Paper)

- (A) A transactional model
- (B) An interaction model
- (C) A horizontal model
- (D) A linear model

27.) If the proposition 'Houses are not bricks' is taken to be False then which of the following propositions can be True?

- (a) All houses are bricks
- (b) No house is brick
- (c) Some houses are bricks
- (d) Some houses are not bricks

Select the correct answer from the options given below: (UGC NET 24th June 2019 Morning Paper)

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

28.) Oar is to rowboat as foot is to (UGC NET 24th June 2019 Morning Paper)

- (A) running
- (B) sneaker
- (C) skateboard
- (D) jumping

29.) Given below are two premises with four conclusions drawn from them. Which of the following conclusions could be validly drawn from the premises? (UGC NET 24th June 2019 Morning Paper)

Premises:

- (i) No paper is pen
- (ii) Some paper are handmade

Conclusions:

- (A) All paper are handmade
- (B) Some handmade are pen
- (C) Some handmade are not pen
- (D) All handmade are paper

30.) If 152 is divided into four parts proportional to 3, 4, 5 and 7, then the smallest part is (UGC NET 24th June 2019 Morning Paper)

- (A) 29
- (B) 26
- (C) 25
- (D) 24

Consider the following table that shows the number (in lakhs) of different sizes of LED television sets sold by a company over the last seven years from 2012 to 2018. Answer the questions based on the data contained in the table: (UGC NET 24th June 2019 Morning Paper)

Sale of LED Television sets (in lakhs) of different sizes (in inches)

Year	Size of LED Television sets (in inches)				
	22"	24"	32"	40"	49"
2012	85	154	124	112	118
2013	100	136	112	94	136
2014	106	124	85	115	145
2015	115	100	160	100	85
2016	100	85	145	85	100
2017	115	70	175	55	130
2018	125	95	170	110	155

31.) For which LED Television set is the total sales of all the seven years the minimum?

- (A) 22-inch Television
- (B) 24-inch Television
- (C) 49-inch Television
- (D) 40-inch Television

32.) What is the difference in the number of 40-inch Television sets sold in 2013 and 2018?

- (A) 1,600,000
- (B) 1,500,000
- (C) 15,000,000
- (D) 16,000,000

33.) What is the total sale of Television sets of size 49-inches (in lakhs) over all the seven years?

- (A) 912
- (B) 896
- (C) 879
- (D) 869

34.) For which size LED Television sets is the total sales of all the seven years the maximum?

- (A) 22-inch Television
- (B) 24-inch Television
- (C) 32-inch Television
- (D) 49-inch Television

35.) What was the approximate percentage increase/decrease in the sales of 32-inch LED Television sets in 2017 compared to than in 2013?

- (A) 36%
- (B) 56%
- (C) 57%
- (D) 64%

36.) The present form of Inter University Board that was previously established for promoting cooperation and coordination among Universities is (UGC NET 24th June 2019 Morning Paper)

- (A) UGC
- (B) AIU
- (C) NUEPA
- (D) ICSSR

37.) Which one of the following instructional designs is not a part of SWAYAM launched by Government of India? (UGC NET 24th June 2019 Morning Paper)

- (A) E-tutorial
- (B) E-content
- (C) Physical Interaction
- (D) Discussion Forum

38.) In the last few years, India has been affected by which of the following tropical cyclones? (UGC NET 24th June 2019 Morning Paper)

- (A) Gaja, Hudhud, Bhima
- (B) Hudhud, Bhima, Ockhi
- (C) Gaja, Hudhud, Ockhi
- (D) Gaja, Bhima, Ockhi

39.) Which of the following statement(s) is/are true in respect of Wireless Technology? (UGC NET 24th June 2019 Morning Paper)

P: Bluetooth is a wireless technology which can be used to connect a headset to a mobile phone.

Q: Bluetooth is a long range wireless technology and is a low cost means of data transfer.

- (A) P only
- (B) Q only
- (C) Both P and Q
- (D) Neither P nor Q

40.) Which one of the following pairs LEAST matches in respect of computers? (UGC NET 24th June 2019 Morning Paper)

- (A) 1 GigaByte : $(1024) \times (1024) \times (1024) \times 8$ bits
- (B) CRT : Cathode Ray Tube
- (C) ROM : Rapid Online Memory
- (D) CPU : Central Processing Unit

41.) Assertion (A): High concentration of ozone in the lower troposphere is desirable.

Reason (R): Ozone present in the atmosphere protects the living organisms on the surface of earth from the harmful ultra-violet radiation of the sun.

Choose the correct answer from the options given below: (UGC NET 24th June 2019 Morning Paper)

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

42.) Algal blooms in oligotrophic lakes are (UGC NET 24th June 2019 Morning Paper)

- (A) very frequent
- (B) frequent
- (C) very rare
- (D) widespread

43.) In post-independence India, which one of the following Committee/ Commission's report deals with all levels of education in India? (UGC NET 24th June 2019 Morning Paper)

- (A) Sargeant Commission
- (B) Hartog Committee
- (C) Kothari Commission
- (D) Radhakrishnan Commission

44.) Select the true statement about an Operating System (OS)? (UGC NET 24th June 2019 Morning Paper)

- (A) An OS controls peripherals, allocates memory and organizes data into fields and records
- (B) An OS provides protection against viruses and controls peripherals
- (C) An OS controls peripheral, and allocates memory and processor time
- (D) An OS controls the processor and peripherals and allows the user to connect to the Internet.

45.) Select the option that shows the storage devices in order of capacity from lowest to highest (UGC NET 24th June 2019 Morning Paper)

- (A) CD-ROM, DVD-ROM, Blu-ray
- (B) Blu-ray, CD-ROM, DVD-ROM
- (C) DVD-ROM, Blu-ray, CD-ROM
- (D) DVD-ROM, , CD-ROM, Blu-ray

46.) Which of the following is a type of malware intentionally inserted into a software system that will setoff a malicious function when specified conditions are met? (UGC NET 24th June 2019 Morning Paper)

- (A) Worm
- (B) Trojan
- (C) Spyware
- (D) Logic Bomb

47.) Which of the following NOT correctly matched?

- (i) Gyan darshan – Satellite based educational T. V. Channel
- (ii) Gyan vani – Educational FM Radio network
- (iii) MOOCs – Massive Open Online Credits

Choose the correct answer from the options given below: (UGC NET 24th June 2019 Morning Paper)

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

48.) Assertion (A): Methemoglobinemia is a condition in which blood is not able to carry and deliver enough oxygen to the body.

Reason (R): Consuming drinking water with high nitrate levels may cause methemoglobinemia.

Choose the correct answer from the options given below: (UGC NET 24th June 2019 Morning Paper)

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

49.) Which of the following are priority areas in relation to the Sustainable Development Goals?

- (a) No poverty
- (b) Zero Hunger
- (c) Reducing urbanization
- (d) Peace, justice and strong institutions

Choose the correct answer from the options given below: (UGC NET 24th June 2019 Morning Paper)

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

50.) The Education Commission of India that first took serious note of the problem of Brain Drain was (UGC NET 24th June 2019 Morning Paper)

- (A) The Education Commission of India
- (B) The University Education Commission
- (C) The Calcutta University Commission
- (D) The Sargent Commission