

## UGC NET Dec 2020 and June 2021 24<sup>th</sup> December Morning Shift

1.) The given table gives the percentage distribution of population of five states A, B, C, D, E on the basis of Education and also on the basis of sex. Study the table and answer the questions that follow.

State	Percentage of Educated Population	Proportion of Males and Females	
		(10 + 2 Category)	(Graduate Category)
A	60	5:6	5:3
B	50	5:5	5:2
C	35	5:3	4:3
D	45	6:5	4:2
E	41	4:3	3:2

Suppose the population of State A is 1 million, count the number of graduate females in State A.

- (A) 2,15,000
- (B) 2,25,000
- (C) 2,30,000
- (D) 2,20,000

2.) The given table gives the percentage distribution of population of five states A, B, C, D, E on the basis of Education and also on the basis of sex. Study the table and answer the questions that follow.

State	Percentage of Educated Population	Proportion of Males and Females	
		(10 + 2 Category)	(Graduate Category)
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D	45	6:5	4:2
E	41	4:3	3:2

If the male population in the 10 + 2 category is 2 million in State B, then the total population of State B is

- (A) 8 million
- (B) 6 million
- (C) 7 million
- (D) 9 million

3.) The given table gives the percentage distribution of population of five states A, B, C, D, E on the basis of Education and also on the basis of sex. Study the table and answer the questions that follow.

State	Percentage of Educated Population	Proportion of Males and Females	
		(10 + 2 Category)	(Graduate Category)
A	60	5:6	5:3
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C	35	5:3	4:3
D	45	6:5	4:2
E	41	4:3	3:2

What will be the difference between the male population in the (10 + 2) category and the male population in the Graduate category if the total population of State C is 4 million.

- (A) 73,000
- (B) 70,000
- (C) 75,000
- (D) 74,000

4.) The given table gives the percentage distribution of population of five states A, B, C, D, E on the basis of Education and also on the basis of sex. Study the table and answer the questions that follow.

State	Percentage of Educated Population	Proportion of Males and Females	
		(10 + 2 Category)	(Graduate Category)
A	60	5:6	5:3
B	50	5:5	5:2
C	35	5:3	4:3
D	45	6:5	4:2
E	41	4:3	3:2

Which state will have the highest number of female population (in the Graduate category), if the population of each state is 1 million?

- (A) A
- (B) B
- (C) C
- (D) D

5.) The given table gives the percentage distribution of population of five states A, B, C, D, E on the basis of Education and also on the basis of sex. Study the table and answer the questions that follow.

State	Percentage of Educated Population	Proportion of Males and Females	
		(10 + 2 Category)	(Graduate Category)
A	60	5:6	5:3
B	50	5:5	5:2
C	35	5:3	4:3
D	45	6:5	4:2
E	41	4:3	3:2

Find out the total number of females in the Graduate category in State D (Total population is 2 million) and State E (Total population is 1 million).

- (A) 4,50,564
- (B) 4,20,890
- (C) 4,64,000
- (D) 4,50,660

6.) How many channels are there in the Swayam Prabha bouquet?

- (A) 23
- (B) 30
- (C) 43
- (D) 34

7.) Which among the following is an incorrect action verb for comprehension level?

- (A) Convert
- (B) Applaud
- (C) Paraphrase
- (D) Summarize

8.) Given below are two statements:

Statement I: Classroom assessment of learning, particularly beyond the early elementary grades has been based almost exclusively.

Statement II: Authentic test do not ask learners to display their skills and behaviours in the way they will be displayed outside the classroom in the real world.

In the light of the above statements, choose the most appropriate answer from the options given below.

- (A) Both Statement I and Statement II are correct.
- (B) Both Statement I and Statement II are incorrect.
- (C) Statement I is correct but Statement II is incorrect.
- (D) Statement I is incorrect but Statement II is correct.

9.) Direct instruction strategies are indispensable for achieving content mastery, and over learning facts, rules and action sequences. Identify the correct sequence for the direct instructional sequence for learning mastery.

- a. Monitor and diagnose progress
- b. Teach/ re-teach
- c. Provide feedback
- d. Present new content
- e. practice

Choose the correct answer from the options given below.

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

10.) Match the List I with List II

*List I*

- A. Classical conditioning
- B. Operant conditioning
- C. Social learning theory
- D. Constructivism

*List II*

- I. Albert Bandura
- II. Ivan Pavlov
- III. Lev Vygotsky
- IV. B. F. Skinner

Choose the correct answer from the options given below:

- (A) A - I, B - III, C - II, D - IV
- (B) A - III, B - II, C - IV, D - I

- (C) A - II, B - IV, C - I, D - III  
(D) A - IV, B - I, C - III, D - II

11.) The values which explain how closely the variables are related to each one of the factors discovered are known as

- (A) Factor-loadings  
(B) Yate's correction  
(C) Deliberate sampling  
(D) Kruskal-Wallis test

12.) The process which involves the construction of an artificial environment within which relevant information and data can be generated is called as?

- (A) Inferential approach  
(B) Experimental approach  
(C) Simulation approach  
(D) Qualitative approach

13.) Given below are two statements

Statement I: Only phenomena and hence knowledge confirmed by the senses cannot genuinely be warranted as knowledge.

Statement II: Science must (and presumably can) be conducted in a way that is value free.

In light of the above statements, choose the correct answer from the options given below

- (A) Both Statement I and Statement II are true  
(B) Both Statement I and Statement II are false  
(C) Statement I is true but Statement II is false  
(D) Statement I is false but Statement II is true

14.) Which among the following assist a researcher as data collection tools?

- A. Google Form  
B. Survey Monkey  
C. Microsoft Forms  
D. NVivo  
E. Blender

Choose the correct answer from the options given below:

- (A) A, B and C only  
(B) B, C and D only  
(C) C, D and E only  
(D) B, D and E only

15.) Match List I with List II

*List I*

- A. Empiricism  
B. Indicator  
C. Deduction  
D. Abduction

*List II*

I. An approach to the relationship between theory and research in which the latter is conducted with reference to hypotheses and ideas inferred from the former.

II. General approach to the study of reality that suggests that only knowledge gained through experience and the senses is acceptable.

III. A form of reasoning with strong ties to induction that grounds social scientific accounts of the social world in the perspectives and meanings of participants in these social worlds.

IV. A measure that is employed to refer to a concept when no direct measure is available.

Choose the correct answer from the options given below:

(A) A - III, B - II, C - IV, D - I

(B) A - II, B - IV, C - I, D - III

(C) A - I, B - III, C - II, D - IV

(D) A - IV, B - I, C - III, D - II

16.) Diagonal communication is

(A) Latent

(B) Aggressive

(C) Cross-functional

(D) Non-functional

17.) The means of non-verbal communication are:

A. Spoken language

B. Time language

C. Sign language

D. Space language

E. Written language

Choose the correct answer from the options given below:

(A) A, B and C only

(B) B, C and D only

(C) D, C and E only

(D) A, D and E only

18.) Given below are two statements

Statement I: The semiotics of Charles Peirce cannot be called a Theory of Communication.

Statement II: Charles Peirce prepared a system of concepts with a common basis of expression and narration.

In light of the above statements, choose the most appropriate answer from the options given below (A)

Both Statement I and Statement II are correct

(B) Both Statement I and Statement II are incorrect

(C) Statement I is correct but Statement II is incorrect

(D) Statement I is incorrect but Statement II is correct

19.) The correct sequence of communication contexts is:

A. Temporal

B. Physical

C. Social

D. Cultural

E. Psychological

Choose the correct answer from the options given below

(A) B, D, C, E, A

(B) C, E, D, A, B

(C) D, A, B, E, C

(D) A, C, B, D, E

20.) Match List I with List II

List I Example

A. Rehearsing the messages to send to others.

B. Writing a letter to a friend II. Intrapersonal communication

C. Talking to a team of 5 to 10 persons

D. Message from one source to many anonymous receivers.

List II Communication

I. Group communication

III. Mass communication

IV. Interpersonal communication.

Choose the correct answer from the options given below:

(A) A - IV, B - I, C - II, D - III

(B) A - I, B - II, C - III, D - IV

(C) A - II, B - IV, C - I, D - III

(D) A - III, B - IV, C - II, D - I

21.) What number comes next in the following sequence?

1, 2.25, 6.25, 16, ?

(A) 26.25

(B) 36

(C) 32.5

(D) 38.25

22.) How old is Ravi if in 8 years time he will be twice as old as he was twenty years ago?

(A) 56

(B) 48

(C) 28

(D) 26

23.) Vipul said to a lady, "Your mother's husband's sister is my aunt." How is the lady related to Vipul?

(A) Aunt

(B) Mother

(C) Brother

(D) Sister

24.) Given below are two statements

Statement I: In one minute, the minute hand of a clock moves  $5^\circ$ .

Statement II: In one minute, the hour hand of a clock moves  $1^\circ$ .















