UGC NET Paper 1 – 5 July Evening

1. Study the following table carefully and answer the Questions :

In a competitive exam, total 3000 students appeared from six different states and total 500 students passed the exam. The following table shows the state-wise percentage of students (appeared and passed) :

Category	A	B	C	D	E	F	Total Student
Appeared	20%	12%	8%	22%	25%	13%	3000
Passed	28%	16%	20%	15%	14%	7%	500

The number of passed students from the state 'C' is approximately what percent of the number of students appeared from the same state ?
(1) 40.00%
(2) 250.12%
(3) 41.67%
(4) 28.00%

2. Study the following table carefully and answer the Questions :

In a competitive exam, total 3000 students appeared from six different states and total 500 students passed the exam. The following table shows the state-wise percentage of students (appeared and passed) :

Category	A	B	C	D	E	F	Total Student
Appeared	20%	12%	8%	22%	25%	13%	3000
Passed	28%	16%	20%	15%	14%	7%	500

What is the difference in the number of students appeared and passed, taking states D and F together ?
(1) 585
(2) 355
(3) 740
(4) 940

3. Study the following table carefully and answer the Questions :

In a competitive exam, total 3000 students appeared from six different states and total 500 students passed the exam. The following table shows the state-wise percentage of students (appeared and passed) :

Category	A	B	C	D	E	F	Total Student
Appeared	20%	12%	8%	22%	25%	13%	3000
Passed	28%	16%	20%	15%	14%	7%	500

The passed students from the states C and D taken together are how much percent of the total students appeared in these two states ?
(1) 5.14%
(2) 51.43%
(3) 19.44%
(4) Insufficient data

4. Study the following table carefully and answer the Questions :

In a competitive exam, total 3000 students appeared from six different states and total 500 students passed the exam. The following table shows the state-wise percentage of students (appeared and passed) :

Category	A	B	C	D	E	F	Total Student
Appeared	20%	12%	8%	22%	25%	13%	3000
Passed	28%	16%	20%	15%	14%	7%	500

What is the total number of appeared students in the states where pass percentage is lower than the appeared percentage ?
(1) 1200
(2) 1800
(3) 320
(4) 180

5. Study the following table carefully and answer the Questions :

In a competitive exam, total 3000 students appeared from six different states and total 500 students passed the exam. The following table shows the state-wise percentage of students (appeared and passed) :

Category	**A**	**B**	**C**	**D**	**E**	**F**	**Total Student**
Appeared	20%	12%	8%	22%	25%	13%	3000
Passed	28%	16%	20%	15%	14%	7%	500

What is the total number of passed students in the states where pass percentage is higher than the appeared percentage ?
(1) 140
(2) 80
(3) 100
(4) 320

6. In this method, the spoken word is supplemented with varied aids resting in auditory and visual learning. This is :
(1) Simulated Instruction
(2) Lecture-Demonstration Method
(3) Project Method
(4) Discovery Method

7. Teaching is :
(1) Indoctrination
(2) Disciplining of learners
(3) Completion of Syllabus
(4) Facilitating Construction of Knowledge

8. Arrange the following steps of developing a Question Paper :
A. Design of Question Paper
B. Moderation
C. Question wise analysis
D. Evaluation of learning objectives
E. Preparation of Blue print
Choose the **correct** answer from the options given below :
(1) D, C, E, A, B
(2) E, D, C, B, A
(3) D, A, E, C, B
(4) C, E, B, D, A

9. Select CORRECT statements :
A. Children imitate adults around them because of inborn experimentation habit
B. We all learn by observation only
C. Undergoing experiences and reflecting over them is one of the best way to learn
D. Skill includes proficiency, competence and expertise in the activity
E. We all learn by experience only
Choose the **correct** answer from the options given below :
(1) A, B and E Only
(2) A and D Only
(3) B and E Only
(4) C and D Only

10. Match **List - I** with **List - II**.
List - I – Teaching Method
A. Analytic and Synthetic Method
B. Heuristic Method
C. Project Method
D. Inductive deductive Method
List - II – Approach
I. Making a working model
II. Moving from specific to general and vice versa
III. Understanding complex problem by breaking into small
IV. Learner should explore facts and principles themselves
Choose the **correct** answer from the options given below :
(1) A-III, B-IV, C-I, D-II
(2) A-III, B-I, C-IV, D-II
(3) A-IV, B-I, C-III, D-II
(4) A-I, B-II, C-IV, D-III

11. The examination of relationships between three or more variables is known as :
(1) Informal analysis
(2) Multivariate Analysis
(3) Narrative Analysis
(4) Discourse Analysis

12. Arrange the structure of a dissertation sequentially :
A. Conclusion
B. Introduction
C. Research Methods
D. Literature Review
E. Discussion
Choose the **correct** answer from the options given below :
(1) B, C, D, A, E
(2) B, D, C, E, A
(3) C, D, B, E, A
(4) B, D, E, C, A

13. Arrange the steps sequentially as in an inductive research :
A. Generalization
B. Formulation of research question
C. Collection of required data
D. Examination of cases for similarities
Choose the **correct** answer from the options given below :
(1) A, B, D, C
(2) C, D, A, B
(3) B, A, C, D
(4) B, C, D, A

14. Which of the following are limitations of qualitative research ?
A. Problem of generalisation
B. Problem of in-depth meaning
C. Difficult to replicate
D. Less opportunity of randomization in selecting sample
E. Naturalistic Enquiry
Choose the **correct** answer from the options given below :
(1) A, B and E Only
(2) D, C and E Only
(3) A, C and D Only
(4) D, B and E Only

15. Match **List - I** with **List - II**.
List - I – Areas in Research
A. Ethics
B. Content Analysis
C. Reliability
D. Sampling
List - II – Concerns
I. Representativeness
II. Consistency
III. Anonymity and confidentiality
IV. Subjects and Themes
Choose the **correct** answer from the options given below :
(1) A-III, B-IV, C-II, D-I
(2) A-IV, B-II, C-III, D-I
(3) A-I, B-II, C-IV, D-III
(4) A-II, B-III, C-I, D-IV

16. In a communication process, a person or device who/which initiates and transmits a message is :
(1) Receiver
(2) Noise
(3) Sender
(4) Medium

17. A communication flows from lower levels to higher levels in an organisation. It allows employees to share their concerns, ideas etc. with management. Identify the communication type from the following :
(1) Upward Communication
(2) Downward Communication
(3) Horizontal Communication
(4) Diagonal Communication

18. Arrange the following developments in chronological order :
A. Motion picture
B. Printing Press
C. Newspaper
D. YouTube
E. Telephone
Choose the **correct** answer from the options given below :
(1) A, B, C, E, D
(2) B, C, A, E, D
(3) B, C, E, A, D
(4) D, C, E, A, B

19. Which of the following are presented in the four blocks of Johari Window's model of communication ?
A. Hidden
B. Hot
C. Blind
D. Cold
E. Unknown
Choose the **correct** answer from the options given below :
(1) A, C and B Only
(2) C, D and E Only
(3) A, C and E Only
(4) B, C and D Only

20. Match **List - I** with **List - II**.
List - I – Folk Media
A. Dashavtar
B. Jatra
C. Bhavai
D. Yakshagana
List - II – Origin/Roots
I. Karnataka
II. Gujarat
III. Konkan
IV. West Bengal
Choose the **correct** answer from the options given below :
(1) A-I, B-IV, C-II, D-III
(2) A-IV, B-II, C-I, D-III
(3) A-II, B-III, C-IV, D-I
(4) A-III, B-IV, C-II, D-I

21. If time taken by a car in covering distance of 320, 640 and 720 kilometers is in exact hours, then what is the speed of the car ?
(1) 240 KMPH
(2) 80 KMPH
(3) 160 KMPH
(4) 120 KMPH

22. If x and y be such that
$\sqrt{20+\sqrt[3]{x}}=5$ and $\sqrt[3]{23+\sqrt[3]{y}}=3$
Then arrange the following in increasing order.
A. x
B. y
C. x - y
D. $\sqrt{\frac{x}{5}}+\sqrt{\frac{y}{4}}$
E. y - x
Choose the **correct** answer from the options given below :
(1) B, A, E, C, D
(2) D, E, A, B, C
(3) C, D, E, B, A
(4) E, D, C, B, A

23. Select correct statements from the following :
A. The equation $x^2+1=4$ has NO integer solution
B. The equation $2x^2+3x-2$ has Two integer solution
C. The equation $x^2-10x+24=0$ has Two integer solution
D. The equation $x\left(x^2+2\right)=0$ has Two integer solution
E. The equation $x^2+1=0$ has at least one integer solution
Choose the **correct** answer from the options given below :
(1) A and B Only
(2) B and E Only
(3) A and C Only
(4) C and D Only

24. Two articles P and Q are sold at a price of 18 rupees each, with 20% profit on P and 20% loss on Q. Then match the following.
List - I
A. Actual Price of P
B. Actual Price of Q
C. Total loss
D. Percentage of total loss
List - II
I. 4
II. 15
III. 22.5
IV. 1.5
Choose the **correct** answer from the options given below :
(1) A-II, B-III, C-IV, D-I
(2) A-III, B-II, C-I, D-IV
(3) A-IV, B-I, C-III, D-II
(4) A-I, B-II, C-IV, D-III

25. Match **List - I** with **List - II**.

List - I (Series)

A. 2, 2, 5, 13, ?, 52

B. 1, 9, ?, 49, 81, 121

C. 3, 5, 9, 17, ?, 65

D. 4, 6, 10, 16, 24, ?

List - II (Missing Number)

I. 33

II. 25

III. 34

IV. 28

Choose the **correct** answer from the options given below :

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

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

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

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

26. The invariable association of the Middle term with the major term is called :

(1) Paksadharmita

(2) Vyapti

(3) Nigamana

(4) Pratijna

27. Arrange the following Syllogistic rules in sequence to identify formal fallacies :

A. Distribute the middle term in at least one premise.

B. Avoid two negative premises.

C. Any term distributed in conclusion must be distributed in the premises.

D. Avoid four terms

E. If either premise is negative, the conclusion must be negative

Choose the **correct** answer from the options given below :

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

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

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

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

28. Which of the following propositions taken together make a valid syllogism ?

A. All balls are locks.

B. All keys are locks.

C. All keys are balls.

D. Some keys are locks.

E. Some locks are balls.

Choose the **correct** answer from the options given below :

(1) A, C and D Only

(2) C, D and E Only

(3) B, E and D Only

(4) C, E and A Only

29. For a valid syllogism, which of the following conditions are required ?
A. Middle term should be present in the conclusion
B. Middle term must be distributed in at least one premise
C. Two negative premises are necessary
D. Conclusion should be driven from the premises
E. Middle term must be present only in the premises
Choose the **correct** answer from the options given below :
(1) A, D and C Only
(2) B, E and A Only
(3) A, B and C Only
(4) B, D and E Only

30. Match **List - I** with **List - II**.
List - I
A. From unknown to known
B. From known to unknown
C. From reason to experience to reason
D. From man to reality
List - II
I. Inductive
II. Transcendental
III. Deductive
IV. Existential
Choose the **correct** answer from the options given below :
(1) A-II, B-III, C-IV, D-I
(2) A-IV, B-I, C-III, D-II
(3) A-III, B-I, C-II, D-IV
(4) A-I, B-IV, C-III, D-II

31. GPU stands for :
(1) General Processing Unit
(2) Graphics Processing Unit
(3) Giga Processing Unit
(4) Game Processing Unit

32. Banks clear cheques using a centralized clearing centre. The sequence is as follows :
A. Cheque is processed by the clearing centre.
B. Digital signatures checked and the cheque is passed.
C. Cheques are sorted using their sort codes.
D. Cheque is sent by the account holder’s Bank to a centralized clearing centre.
E. Unpaid cheque returns to account holder’s Bank.
Choose the **correct** answer from the options given below :
(1) D, A, B, C, E
(2) A, D, C, B, E
(3) D, A, C, B, E
(4) A, D, B, C, E

33. Which of these standards make up 'Web' ?
A. HyperText Markup Language (HTML)
B. World Wide Web (WWW)
C. Uniform Resource Locator (URL)
D. National Information Centre (NIC)
E. HyperText Transfer Protocol (HTTP)
Choose the **correct** answer from the options given below :
(1) A, B and D Only
(2) A, C and D Only
(3) A, C and E Only
(4) C, D and E Only

34. Language translators are known as :
A. Assembler
B. Processor
C. Compiler
D. Loader
E. Interpreter
Choose the **correct** answer from the options given below :
(1) A and B Only
(2) B and D Only
(3) A, C and E Only
(4) C, D and E Only

35. Match **List - I** with **List - II**.
List - I
A. WORMS
B. Spyware
C. Ransomware
D. Trojan
List - II
I. Blocks the user from accessing their own data.
II. Create malicious users access to the system.
III. Spread to other computers through the network.
IV. Records and sends the collected information to an external entity without consent.
Choose the **correct** answer from the options given below :
(1) A-III, B-IV, C-II, D-I
(2) A-IV, B-III, C-II, D-I
(3) A-III, B-IV, C-I, D-II
(4) A-IV, B-III, C-I, D-II

36. Under the International Solar Alliance, the Ease of Doing Solar (EODS) 2025 covered 123 countries and the member countries have been classified into four categories. Select the right answer from the following, under which category Republic of India belongs to :
(1) Achiever Category
(2) Influencer Category
(3) Progressive Category
(4) Potential Category

37. Arrange the following events in chronological order :
A. The International Law Association New Delhi Conference
B. The United Nations Millennium Declaration
C. United Nations Convention on Laws of Sea
D. The Delhi Sustainable Development Summit
E. The Johannesburg Summit on Sustainable Development
Choose the **correct** answer from the options given below :
(1) B, A, C, E, D
(2) C, B, D, A, E
(3) D, A, B, C, E
(4) E, B, A, C, D

38. Arrange the following air pollutants with respect to their average residence times in the atmosphere in ascending order : A. NH_3 B. $PM_{2\cdot5}$
C. Tropospheric Ozone
D. CO E. CH_4
Choose the **correct** answer from the options given below :
(1) A, B, C, D, E
(2) B, C, A, E, D
(3) C, D, E, A, B
(4) E, D, C, B, A

39. The major bioenergy programmes of Department of Non-Conventional Energy Sources (DNES), Govt. of India, are :
A. Biogas Conservation
B. Biodiversity Conservation
C. Fuel wood production
D. Biogas gasification
E. Bioremediation of Pollutants
Choose the **correct** answer from the options given below :
(1) A, B and C Only
(2) A, B and D Only
(3) A, C and D Only
(4) A, C and E Only

40. Match **List - I** with **List - II** with reference to Sustainable Development Goals (SDGs) :
List - I
A. SDG 7
B. SDG 12
C. SDG 14
D. SDG 15
List - II
I. Life below water
II. Responsible Consumption and Production
III. Affordable and Clean energy
IV. Life on Land
Choose the **correct** answer from the options given below :
(1) A-I, B-II, C-III, D-IV
(2) A-II, B-I, C-IV, D-III
(3) A-III, B-II, C-I, D-IV
(4) A-III, B-IV, C-II, D-I

41. For connecting higher education institutions in the country with the society and villages, a scheme was launched, this is :
(1) Unnat Bharat Abhiyan
(2) Gram Vishwavidyalayas
(3) Ek College Ek Gaon
(4) Ek Bharat Shrestha Bharat

42. Arrange the following institutions by the year of establishment :
A. Jawahar Navodaya Vidyalayas
B. Kendriya Vidyalaya Sangathan
C. Kasturba Gandhi Balika Vidyalaya
D. Rashtriya Indian Military College
E. Sainik School Society
Choose the **correct** answer from the options given below :
(1) D, A, B, E, C
(2) C, A, D, B, E
(3) D, E, B, A, C
(4) A, C, D, E, B

43. Which of the following Defects are expressed under the Dvesha ?
A. Droha (Malice)
B. Krodha (Anger)
C. Trishnā (wish to possess others' property lawfully or unlawfully)
D. Irshya (Jealousy)
E. Kāma (Lust)
Choose the **correct** answer from the options given below :
(1) A, B and C Only
(2) A, B and D Only
(3) B, C and E Only
(4) B, C and D Only

44. Match **List - I** with **List - II**.
List - I – Value
A. Secularism
B. Empathy
C. Civic Sense
D. Sin and Virtue
List - II – Type
I. Religious Value
II. Social Value
III. Moral Value
IV. Constitutional Value
Choose the **correct** answer from the options given below :
(1) A-II, B-I, C-IV, D-III
(2) A-III, B-IV, C-I, D-II
(3) A-IV, B-III, C-II, D-I
(4) A-I, B-II, C-IV, D-III

45. Match **List - I** with **List - II**.
List - I – Affliction
A. Avidya
B. Raga
C. Abhinivesa
D. Dvesh
List - II – Feature
I. Resisting pain and its cause
II. Recollection of pleasure previously experienced
III. Recognition of permanent in a transitory effect
IV. Fear of death present in both the worm and wise man
Choose the **correct** answer from the options given below :
(1) A-III, B-II, C-IV, D-I
(2) A-IV, B-III, C-I, D-II
(3) A-I, B-IV, C-II, D-III
(4) A-II, B-I, C-III, D-IV

46. Read the following passage and then answer the question:

In many independent, postcolonial nations, the systems and cultures of colonialism continue. Weak parliaments and ministerial governments, where ministries issue their own edicts and write laws rather than the parliament, are leftovers of colonialism since political decisions were made outside the country. (Parliaments were at most for show and the executive branch - then, foreign governor generals and foreign civil servants - held local power.) Similarly, militaries are strong and civil control over them is weak; a holdover of military control exercised by a foreign military. In some cases, the governing systems in postcolonial countries could be viewed as ruling elites who succeeded in coup d'etats against the foreign colonial regime but never gave up the system of control.

In some cases, the governance systems in postcolonial countries could be seen as ruling elites who:
(1) Decolonized postcolonial systems
(2) Destroyed colonialism
(3) Gave up the system of control
(4) Never gave up the system of control

47. Read the following passage and then answer the question:

In many independent, postcolonial nations, the systems and cultures of colonialism continue. Weak parliaments and ministerial governments, where ministries issue their own edicts and write laws rather than the parliament, are leftovers of colonialism since political decisions were made outside the country. (Parliaments were at most for show and the executive branch - then, foreign governor generals and foreign civil servants - held local power.) Similarly, militaries are strong and civil control over them is weak; a holdover of military control exercised by a foreign military. In some cases, the governing systems in postcolonial countries could be viewed as ruling elites who succeeded in coup d'etats against the foreign colonial regime but never gave up the system of control.

In many independent, postcolonial nations, where Parliaments were weak, who held local power ?
(1) Foreign military generals and foreign civil servants
(2) Native governor generals and foreign civil servants
(3) Foreign governor generals and native civil servants
(4) Foreign governor generals and foreign civil servants

48. Read the following passage and then answer the question:

In many independent, postcolonial nations, the systems and cultures of colonialism continue. Weak parliaments and ministerial governments, where ministries issue their own edicts and write laws rather than the parliament, are leftovers of colonialism since political decisions were made outside the country. (Parliaments were at most for show and the executive branch - then, foreign governor generals and foreign civil servants - held local power.) Similarly, militaries are strong and civil control over them is weak; a holdover of military control exercised by a foreign military. In some cases, the governing systems in postcolonial countries could be viewed as ruling elites who succeeded in coup d'etats against the foreign colonial regime but never gave up the system of control.

What is an example of a ‘holdover of military control exercised by a foreign military’ ?
(1) Strong militaries and strong civil control
(2) Strong militaries and weak civil control
(3) Weak militaries and strong civil control
(4) Diversified militaries and strong civil control

49. Read the following passage and then answer the question:

In many independent, postcolonial nations, the systems and cultures of colonialism continue. Weak parliaments and ministerial governments, where ministries issue their own edicts and write laws rather than the parliament, are leftovers of colonialism since political decisions were made outside the country. (Parliaments were at most for show and the executive branch - then, foreign governor generals and foreign civil servants - held local power.) Similarly, militaries are strong and civil control over them is weak; a holdover of military control exercised by a foreign military. In some cases, the governing systems in postcolonial countries could be viewed as ruling elites who succeeded in coup d’etats against the foreign colonial regime but never gave up the system of control.

In case of weak parliaments, the ministers of ministerial governments issue :
(1) Oral diktats
(2) Fanciful arguments
(3) Dictatorial whims
(4) Edicts and Laws

50. Read the following passage and then answer the question:

In many independent, postcolonial nations, the systems and cultures of colonialism continue. Weak parliaments and ministerial governments, where ministries issue their own edicts and write laws rather than the parliament, are leftovers of colonialism since political decisions were made outside the country. (Parliaments were at most for show and the executive branch - then, foreign governor generals and foreign civil servants - held local power.) Similarly, militaries are strong and civil control over them is weak; a holdover of military control exercised by a foreign military. In some cases, the governing systems in postcolonial countries could be viewed as ruling elites who succeeded in coup d’etats against the foreign colonial regime but never gave up the system of control.

In many independent, postcolonial nations, cultures of colonialism continue through :
(1) Weak parliaments
(2) Weak militaries
(3) Weak Press
(4) Weak Educational systems