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| Question Booklet No. | Question Booklet Series : <b>A</b> |
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**AUAT — 2024**  
**5-Year Integrated BBA-MBA (U33)**  
**( TEST BASED ON MCQ )**

**Full Marks : 100**

**Duration : 2 Hours**

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|------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Roll No. of the Candidate : _____  | <div style="border: 1px solid black; height: 100px; width: 100%;"></div><br>Signature of the Invigilator on Verification |
| Date of Examination : _____        |                                                                                                                          |
| Name of Examination Centre : _____ |                                                                                                                          |
| Signature of the Candidate : _____ |                                                                                                                          |

**IMPORTANT INSTRUCTIONS**

***Candidates should read the below instructions carefully and follow them accordingly.***

1. The Question Booklet has paper seal pasted on it. Please do **NOT** open the Question Booklet until you are asked to do so by the Invigilator.
2. The candidates must check immediately after breaking the seal that the Question Booklet contains **100 Multiple Choice Questions** in two parts (Part—I and Part—II).
3. Answer of questions of Part—I and Part—II both will have to be given on the **OMR Answer Sheet** provided for this purpose. Fill up the necessary fields that are intended for you by writing and/or shading appropriately. Otherwise the **OMR Answer Sheet cannot** be evaluated and will liable to be rejected. Question numbers progress from **1** to **100** continuously with alternative answers being shown as [A], [B], [C] and [D] for each question. Record your response by completely darkening the corresponding bubble. While responding, you should consider the best alternative answer and shade only one bubble with **black/blue ball point pen** only. For each correct response you will be awarded **1** mark. There will be negative marking for wrong responses. For each wrong response, **-0.25** mark will be awarded. Multiple responses against one **MCQ** will be treated as a wrong response.
4. On leaving the examination hall, candidates must submit the **OMR Answer Sheet**. They are allowed to keep the Question Booklet with them.
5. **OMR Answer Sheet** will be processed by electronic means. Any untoward/irrelevant remarks, folding or putting stray notes on the answer sheet, any damage to the answer sheet will lead to the rejection of the same and the sole liability shall remain with the candidate.
6. Rough Work may be done at the end of the Question Booklet.
7. No candidate will be allowed to leave the examination hall before completion of the examination.
8. Use of any Electronic device like Mobile, Programmable Calculator etc. is strictly prohibited.

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**DO NOT OPEN THE SEAL UNTIL INSTRUCTED TO DO SO**

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## PART—I ( Core Subject )

1. In a triangle ABC,  $\angle B = 45^\circ$  and  $\angle C = 70^\circ$ , then  $\angle A = ?$

ABC եռանկյան,  $\angle B = 45^\circ$  եւ  
 $\angle C = 70^\circ$ ,  $\angle A = ?$

- [A]  $80^\circ$   
[B]  $85^\circ$   
[C]  $65^\circ$   
[D]  $145^\circ$

2. The diagonals of a rectangle intersect at O. If  $\angle COD = 78^\circ$ , then  $\angle OAB = ?$

Եւրեւթանի Դիագոնալները հանում են O-էտ: Եթե  $\angle COD = 78^\circ$ ,  $\angle OAB = ?$

- [A]  $35^\circ$   
[B]  $51^\circ$   
[C]  $70^\circ$   
[D]  $110^\circ$

3. A rational number between  $\sqrt{2}$  and  $\sqrt{3}$  is

$\sqrt{2}$  եւ  $\sqrt{3}$  միջև գտնվող ռացիոնալ թիվը

- [A] 1.9  
[B] 1.5  
[C] 1.8  
[D]  $\frac{\sqrt{6}}{2}$

4. Mean of the first five positive integers is

Ցուցման առաջին հինգ դրական ամբողջ թվերի միջինը

- [A] 4  
[B] 5  
[C] 3  
[D] 15

5. Two coins are thrown at the same time. Find the probability of getting both heads.

Երկու մետաղադրամներ նետվում են մի և նոյն պահին: Գտնել երկուսն էլ «հայտնի» գլխով դուրս գալու հավանականությունը:

- [A] 0  
[B]  $\frac{1}{2}$   
[C]  $\frac{1}{4}$   
[D]  $\frac{3}{4}$

6. The radius of sphere (in cm), whose volume is  $4\sqrt{3}\pi \text{ cm}^3$ , will be

Միջին երկրաչափականի շառավիղը (սմ), որի ծավալը  $4\sqrt{3}\pi \text{ cm}^3$  է, լինի:

- [A] 3  
[B]  $3\sqrt{3}$   
[C]  $\sqrt[3]{3}$   
[D]  $\sqrt{3}$

7. If  $7\sin^2 \theta + 3\cos^2 \theta = 4$ , then  $\tan \theta = ?$

Եթե  $7\sin^2 \theta + 3\cos^2 \theta = 4$  լինի,  $\tan \theta = ?$

- [A]  $\frac{1}{\sqrt{3}}$   
[B]  $1/2$   
[C]  $1/3$   
[D] 0

8. A rational number between  $\sqrt{3}$  and  $\sqrt{4}$  is

$\sqrt{3}$  &  $\sqrt{4}$  &  $1/3$ , &  $A_i$   $30f \hat{I} J, \hat{a} \hat{O}$

[A] 2.9

[B] 1.8

[C] 1.5

[D]  $\frac{\sqrt{6}}{2}$

9.  $\sqrt{13}$  is a polynomial of degree

$\sqrt{13}$   $\alpha x \hat{S} f \hat{a} \hat{I} J, \hat{a} \hat{3} \hat{a} \hat{O} \hat{a} \hat{1} \hat{3} \hat{a} \hat{y} \hat{a} A_i t_i?$

[A] 2

[B] 0

[C] 1

[D] 1/2

10. Two numbers are in the ratio 3 : 5. If each number is increased by 10, then the ratio becomes 5 : 7. Then numbers are

$f[i_i \hat{I} J, \hat{a} \hat{1} > \hat{S} \hat{a} t_i 3 : 5 \hat{U} [f \hat{S} [t_i [i_i \hat{I} J, \hat{a} 10 \hat{a} \hat{1} \hat{a} \hat{a} [t_i A_i \hat{1} \hat{a} \hat{O} \hat{U} t_i \hat{a} \hat{O} \hat{1} \hat{O} > \hat{S} \hat{a} t_i 5 : 7 \hat{O} \hat{i} \hat{a} \hat{U} t_i \hat{a} \hat{O} \hat{1} \hat{O} \hat{I} J, \hat{a} P_i \hat{1} \hat{O} \hat{a} \hat{O}$

[A] 3, 5

[B] 7, 9

[C] 13, 22

[D] 15, 25

11. Raju purchased a dozen handkerchiefs for <60 and sold them for <84 whereas Pradip purchased a dozen handkerchiefs for <90 sold them for <150. Whose profit percent is more and by how much?

$1 \hat{a} \backslash \& A_i I_i \backslash > 1 \hat{i} \hat{3} \hat{a} \hat{O} < 60 - \& [A_i] < 84 - \& [a[y_i A_i \hat{1} [\hat{a} \hat{O} \hat{e} \hat{T} \hat{M} J \hat{a} \hat{i} > \hat{S} \hat{f} \hat{a} \hat{S} \& A_i I_i \backslash > 1 \hat{i} \hat{3} \hat{a} \hat{O} < 90 - \& [A_i] < 150 - \& [a[y_i A_i \hat{1} [\hat{a} \hat{O} \hat{i} \hat{U} A_i \hat{a} \hat{1} \hat{O} \hat{a} \hat{O} \hat{i} \hat{A} t_i \hat{a} \hat{A} \hat{e} \hat{a} [\hat{A} \& \hat{a} A_i t_i?$

[A] Raju, 23.4%

[B] Pradip, 25.4%

[C] Pradip, 26.6%

[D] Raju, 31.6%

12. In Shillong, the minimum temperature on Tuesday was 25°C. On Wednesday, it fell by 3°C and due to rainfall on Thursday, it further fell by 4°C. What was the minimum temperature on Thursday?

$[\hat{A} \hat{O}] - \& \hat{3} \hat{U} \hat{O} \hat{a} \hat{1} \hat{I} \hat{a} [\hat{a} \hat{1} t_i \hat{a} \hat{S} \hat{3} \hat{a} \hat{y} \hat{a} [\hat{a} \hat{O} 25 [I_i [K \hat{e} \hat{I} \hat{O} [\hat{I} \hat{U} \hat{a} \hat{I} \hat{i} \hat{U} \hat{a} \hat{O} \hat{a} \hat{1} \& [i_i 3 [I_i [K \hat{e} \hat{I} \hat{O} [\hat{I} \hat{U} \hat{a} \hat{I} \hat{i} A_i \hat{3} \hat{i} \hat{a} \& \hat{a} \hat{O} \hat{N} \hat{S} [t_i \hat{a} \hat{1} \hat{a} [\hat{E} \hat{S} \hat{a} \hat{i} t_i \hat{1} A_i \hat{a} \hat{1} \hat{i} \hat{O} \& [i_i \hat{a} \hat{1} \hat{*} 4 [I_i [K \hat{e} \hat{I} \hat{O} [\hat{I} \hat{U} \hat{a} \hat{I} A_i \hat{3} \hat{i} \hat{a} \hat{i} \hat{i} \hat{U} \hat{O} \hat{N} \hat{S} [t_i \hat{a} \hat{1} \hat{I} \hat{a} [\hat{a} \hat{1} t_i \hat{a} \hat{S} \hat{3} \hat{a} \hat{y} \hat{a} A_i t_i [\hat{a} \hat{O}?$

[A] 20°C

[B] 18°C

[C] 22°C

[D] 19°C

13. A student of mathematics observed that a right circular cylinder of radius  $2r$  cm and height  $h$  cm ( $h = 4r$ ) encloses a sphere. What will be the diameter?

K[oi]t;¹ &A; \> ááy \à>it; WjàÚ 2r ēĤ³ ¢,àĤà< [¢[ĀĒ; &¢} h cm (h = 4r) I;ZW;tjà [¢[ĀĒ; &A;[i; °´ ¢VjàAjà¹ ĀS; A;t; ¢,àĤĤ¹ &A;[i; ēKā°A;ĪA; [QĪ¹ 1àĪJ?

- [A]  $r$  cm  
[B]  $2r$  cm  
[C]  $4r$  cm  
[D]  $8r$  cm

14. In a construction work, an engineer identified that a floor measuring 2 m by 1.5 m is to be covered with tiles measuring 25 cm  $\times$  25 cm. What is the number of tiles required to cover the floor and the cost of tiles is <420 per dozen?

&A;[i; [>³àº A;àĪ \, &A; \> ŠĪA;ĪĀ°ā [W;[Ō;t; A;Ī¹Īá> ē™ 2 [³i;à¹ ¢àŌ 1.5 [³i;à¹ Š[¹³àĪŠ¹ &A;[i; ē³ĭc; 25 ēĤ³  $\times$  25 ēĤ³ Š[¹³àĪŠ¹ i;àŌ°Ĥ [fĭÚ "à¢t; A;Ī¹t; Ōĭ¢;ú ē³ĭc; ēnĭA; 1àJà¹ \>, A;t; i;àŌ°ĪĤ¹ ŠĪŪà\> &¢} i;àŌ°ĪĤ¹ fà³ Š[t; I; \> <420?

- [A] 24, <1,380  
[B] 48, <1,680  
[C] 48, <1,285  
[D] 24, <2,000

15. A school student in a hurry, multiplied 7236 by 65 instead of multiplying by 56. By how much was his answer greater than the correct answer?

&A; \> Ńĭ°ááy t;àĪ;à×ĪĪ;à A;Ī¹ 7236 ēA; 56 [fĭÚ P;º A;Ī¹à¹ Š[¹¢ĭt; 65 [fĭÚ P;º A;Ī¹Īáú t;à¹ I;V;¹[i; Ĥ[k;A; I;V;Ī¹¹ ēW;ĪÚ A;t; ē¢[Ā [á°?

- [A] 65124  
[B] 72360  
[C] 57888  
[D] 79596

16. If  $\frac{3}{5}$  of a number exceeds its  $\frac{2}{7}$  by 44, then the number is

™[f &A;[i; Ĥ}J,à¹  $\frac{3}{5}$  t;à¹  $\frac{2}{7}$  ēA; 44 ‡à¹à "[t;y;³ A;Ī¹, t;àŌĭ° Ĥ}J,àĪ; ŌÚ

- [A] 280  
[B] 140  
[C] 156  
[D] 180

17. Amit and Biswajit can together finish a work in 30 days. They worked together for 20 days and then Biswajit left. After another 20 days, Amit finished the remaining work. In how many days Amit alone can finish the job?

"[³t; &¢} [¢Ā[ \; &A;ĤàĪ= 30 [fĭ> &A;[i; A;à \ ēĀĒ A;Ī¹t; ŠàĪ¹;ú t;à¹à 20 [f> &A;ĤàĪ= A;à \ A;Ī¹Īá &¢} t;à¹Š¹ [¢Ā[ \; W;Ī° ēK°;ú "à¹\* 20 [f> Š¹, "[³t; ¢à[A; A;à \ ēĀĒ A;Ī¹;ú "[³t; &A;à A;t; [fĭ> A;à \ ēĀĒ A;Ī¹t; Šà¹ĭ¢?

- [A] 48 days  
[B] 60 days  
[C] 45 days  
[D] 62 days

18. In a co-ed school at Kolkata,  $\frac{5}{8}$ th of the students are boys. If there are 120 girls in the school, what will be the number of boys in the school?

Àí°Ààt:à¹ &Àí[i] ëÀíà-&I; Ñì° , 5/8 ááy éái°ú Ñì° 120 \> ë³ìÚ =àÀí° Ñì° éái°í¹ Î}J,à Àt; Òì°?

- [A] 240  
[B] 200  
[C] 120  
[D] 180

19. A two-digit number is 3 more than 4 times the sum of its digits. If we add 18 to the number, its digits are reversed. What is the number?

&Àí[i] fÒ "ìS;¹ Î}J,à t:à¹ "ìS;¹ ë™àKÓ;ì°¹ 4 P;ì°¹ ë=ìÀ; 3 ëª[À;ú ™[f "à³¹à Î}J,à¹ Îà= 18 ë™àK À;¹ t;ìª &¹ Î}J,àP;ì° [ªŠ¹àt; ÒÚú Î}J,à[i] Àt;?

- [A] 35  
[B] 45  
[C] 55  
[D] 65

20. What number must be subtracted from each term of the ratio 4 : 7, so that it may become equal to 5 : 4?

">Šàt; 4 : 7 &¹ Š[t;[i] Šf ë=ìÀ; ëÀíà> Î}J,à[i] [ªÚàK À;¹t; Òìª, ™àìt; &[i] 5 : 4 &¹ Î³à> Òìt; Šà¹?

- [A] 19  
[B] 20  
[C] -9  
[D] -8

21. Amit told Anand, "Yesterday I defeated the only brother of the daughter of my grandmother." Whom did Amit defeat?

"[³t; "à>îfîÀ; ¢ì°>, "Kt;À;à° "à[³ "à³à¹ fàfà¹ ë³ìÚ¹ &À;³ày @;àÒìÀ; Š¹à[\ t; À;ì¹[áú]" "[³t; À;àìÀ; Š¹à[\ t; À;¹°?

- [A] Father  
[B] Son  
[C] Brother  
[D] Brother-in-law

22. 12 executives shook hands with each other before and after a board meeting. How many total number of handshakes have taken place altogether?

12 \> [ªÒà ëªà[i] Î@;à¹ "àìK &ª} Šì¹ &ìÀ; "Šì¹¹ Îà= Ò;à"ìÀÀ; (À;¹³f>) À;ì¹iá>ú ë³àì; À;[i] Ò;à"ìÀÀ; ÒìÚìá?

- [A] 100  
[B] 122  
[C] 132  
[D] 145

23. Find the next number in the sequence 3, 6, 9, 30, 117 ....

y;³à>Îà¹ Š¹ªt;à Î}J,à[i] Jì\ ëª¹ À;ì¹à - 3, 6, 9, 30, 117 ....

- [A] 582  
[B] 352  
[C] 388  
[D] 588

24. In a parliamentary constituency, only two candidates were contesting. One contesting candidate got 55% of the total valid votes and 20% of the votes were invalid. If the total number of votes was 7500, the number of valid votes that the other candidate got was

$\&A_i[i_j \hat{I}] \hat{I} f \hat{a} \hat{U} \text{ "}\hat{a} \hat{I} \hat{I} > \text{ }^3 \hat{a} y f \backslash > \hat{S} \hat{a} = \hat{a} \hat{S} [t_i \# [0 \# t_i \hat{a}$   
 $A_i^1 [\hat{a} \hat{I}^0 > \hat{I} \hat{U} \&A_i \backslash > \hat{S} [t_i \# 0 \# \hat{a} \hat{S} \hat{a} = \hat{a} \hat{e}^3 \hat{a} \hat{I} \hat{I} \hat{I} \hat{I}^1$   
 $55\% \hat{e} \hat{S} \hat{I} \hat{U} \hat{I} \hat{a} > \& \} 20\% \hat{e} \hat{e} \hat{I} \hat{a} \hat{I} \hat{I} \text{ "}\hat{I} \hat{a} < \hat{I} \hat{U} \hat{e}^3 \hat{a} \hat{I} \hat{I}$   
 $\hat{e} \hat{e} \hat{I} \hat{a} \hat{I} \hat{I} \hat{I}^1 \hat{I} \hat{I} \hat{J} \hat{a} 7500 \hat{O} \hat{I}^0, \text{ "}>, \hat{S} \hat{a} = \hat{a}^1 \hat{S} \hat{a} \hat{e} \hat{I} \hat{I} \hat{a} <$   
 $\hat{e} \hat{e} \hat{I} \hat{a} \hat{I} \hat{I} \hat{I}^1 \hat{I} \hat{I} \hat{J} \hat{a} [\hat{a}^0$

- [A] 2500
- [B] 2700
- [C] 3200
- [D] 4500

25. Ankita was facing east. She walked 4 km forward and then after turning to her right, walked 3 km. Again, she turned to her right and walked 4 km. After this she turned back. Which direction was Ankita facing at that time?

$\text{"}[S_i t_i \hat{a} \hat{S} \hat{a} [f \hat{I} A_i \text{ }^3 J A_i \hat{I}^1 [\hat{a} \hat{I}^0 > \hat{I} \hat{U} [t_i [ > 4 [A_i [^3$   
 $\hat{e} \hat{O} \hat{I} \hat{I} [\hat{a} \hat{I}^0 > \& \} t_i \hat{a}^1 \hat{S} \hat{I}^1 \hat{I} \hat{a} > [f \hat{I} A_i \hat{e}^3 \hat{a} \hat{I} \hat{I} [ > \hat{I} \hat{U} 3 [A_i [^3$   
 $\hat{O} \hat{a} \hat{I} \hat{I}^0 > \hat{I} \hat{U} [t_i [ > \text{"}\hat{a} \hat{a} \hat{I}^1 \hat{I} \hat{a} > [f \hat{I} A_i Q \hat{I}^1 \hat{I}^0 > \& \} 4 [A_i [^3$   
 $\hat{e} \hat{O} \hat{I} \hat{I} \hat{I} \hat{e} K \hat{I}^0 > \hat{I} \hat{U} \&^1 \hat{S}^1 [t_i [ > Q \hat{I}^1 \hat{e} K \hat{I}^0 > \hat{I} \hat{U} t_i J > \text{"}[S_i t_i \hat{a}$   
 $\hat{e} A_i \hat{a} > [f \hat{I} A_i \text{ }^3 J A_i \hat{I}^1 [\hat{a} \hat{I}^0 > ?$

- [A] East
- [B] West
- [C] North
- [D] South

26. Ankita, Pratik, Rittika, Xandra, Sunny and Zara are sitting in a row. Sunny and Zara are in the centre. Ankita and Pratik are at the ends. Rittika is sitting to the left of Ankita. Who is to the right of Pratik?

$\text{"}[S_i t_i \hat{a}, \hat{S} t_i \hat{a} A_i, \sim_i [\hat{a} A_i \hat{a}, \backslash \hat{a} \hat{e} f \hat{a}, \hat{I} \hat{a} [ > \& \} \backslash \hat{a}^1 \hat{a} \& A_i$   
 $\hat{I} \hat{a} [^1 \hat{I} t_i \hat{I} \hat{I} \hat{I} \text{ "}\hat{a} \hat{I} \hat{a} > \hat{I} \hat{U} \text{ }^3 \hat{a} \hat{I} \hat{C} \hat{I} \hat{U} \hat{I} \hat{a} > \hat{I} \hat{a} [ > * \backslash \hat{a}^1 \hat{a} \hat{I} \hat{U}$   
 $\text{"}[S_i t_i \hat{a} * \hat{S} t_i \hat{a} A_i \hat{e} \hat{A} \hat{I} \hat{E}^1 [f \hat{I} A_i \hat{I} \hat{U} \text{"}[S_i t_i \hat{a}^1 \hat{a} \hat{I} f \hat{I} A_i \hat{I} \hat{I}$   
 $\text{"}\hat{a} \hat{I} \hat{a} > \sim_i [\hat{a} A_i \hat{a} \hat{I} \hat{U} \hat{S} t_i \hat{a} \hat{I} A_i^1 \hat{I} \hat{a} > [f \hat{I} A_i \hat{e} A_i ?$

- [A] Sunny
- [B] Xandra
- [C] Ankita
- [D] Rittika

27. Saanvi prefers Economics to Mathematics, English to Sociology and Political Science to History. If she prefers Mathematics to History and Sociology to Mathematics, which is Saanvi's least preferred subject?

$\hat{I} \hat{a} > [\hat{e} \hat{I} K [\hat{O} \hat{I} t_i^1 \hat{e} \hat{W} \hat{I} \hat{I} \hat{U} \text{ "}= > \hat{a} [t_i, \hat{I} \hat{a} \hat{a} \backslash [\hat{a} \hat{I}^0 > \hat{I} \hat{U} \hat{e} \hat{W} \hat{I} \hat{I} \hat{U}$   
 $\hat{O} \hat{I} \hat{I}^1 \backslash \& \} \hat{O} [t_i \hat{O} \hat{a} \hat{I} \hat{I}^1 \hat{e} \hat{W} \hat{I} \hat{I} \hat{U} \hat{I} \hat{a} \hat{E} \hat{I} [\hat{a} \hat{I}^0 > \hat{I} \hat{U} \hat{S} \hat{a} \hat{O} f A_i \hat{I}^1 \hat{I} \hat{U}$   
 $\text{"}[f \hat{e} \hat{I} K [\hat{O} t_i \hat{I} A_i \hat{O} [t_i \hat{O} \hat{a} \hat{I} \hat{I}^1 \hat{e} \hat{W} \hat{I} \hat{I} \hat{U} \& \}$   
 $\hat{I} \hat{a} \hat{a} \backslash [\hat{a} \hat{I}^0 > \hat{I} A_i K [\hat{O} \hat{I} t_i^1 \hat{e} \hat{W} \hat{I} \hat{I} \hat{U} \hat{S} \hat{a} \hat{O} f A_i \hat{I}^1, t_i \hat{a} \hat{O} \hat{I}^0$   
 $\hat{I} \hat{a} > [\hat{e} \hat{I}^1 \hat{I} \hat{a} \hat{I} \hat{I} \hat{I} \hat{U} A_i^3 \hat{S} \hat{a} \hat{I} \hat{O} f^1 [\hat{a} \hat{E} \hat{U} \hat{e} A_i \hat{a} > [\hat{I} \hat{I} ?$

- [A] History
- [B] Mathematics
- [C] Economics
- [D] Sociology

28. In the portion below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled as O, P, Q, R and S in order to produce the correct sentence following a proper sequence.

[>ìùá¹ "]ìÁ &A;[i; ñàA; 1ìùá¹ "A;á "]Á  
&ìòàì³ìòà A;¹à Òìùááú &A;[i; Î[k;A; y;³ ">Î¹ò  
A;ì¹ Î[k;A; ñàA; í;[¹ A;¹ì; O, P, Q, R &ñ} S  
èòìòò¹v; &Ò "]ÁP;[¹ìA; Š>¹áú Îà\à\*áú

O : when he

P : did not know

Q : he was nervous and

R : heard the hue and cry at midnight

S : what to do

The proper sequence should be

Î[k;A; y;³[i; Ò\*áú I;[ù;[t;

[A] ORQPS

[B] QSPRO

[C] SQPOR

[D] OPQRS

29. An accurate clock shows 8 o'clock in the morning. Through how many degrees will the hour hand rotate when the clock shows 2 o'clock in the afternoon?

&A;[i; [>@;¹ Q[I; ÎA;à¹ 8i;áú Î³ú ěfJáúú Q[I;ì;[t;  
¹J> fŠ¹ 2i;à ñà\ t;J> Qs;à¹ A;à;à A;t; [I;[K¹  
³à<ì³ Q¹ìñ?

[A] 144°

[B] 150°

[C] 168°

[D] 180°

30. Look at this series 53, 53, 40, 40, 27, 27, .... What number should come next?

&Ò [Î¹\ [i; °Ô; A;¹ – 53, 53, 40, 40, 27,  
27, .... Š¹ñt;à ěA;à> Î}J;à[i; "àÎà I;[ù;[t;?

[A] 12

[B] 14

[C] 27

[D] 53

31. Virat and Sachin appeared in an examination. Virat secured 9 marks more than Sachin and his marks was 56% of the sum of their total marks. The marks obtained by Virat and Sachin are

[ñ¹à; &ñ} Áù;à> &A;[i; Š¹áúáú "]Á [>ìù[áì¹>ú  
[ñ¹à; Áù;à>¹ ěù;ìú 9 >¹ ěñÁ ěŠìúá &ñ} t;à¹  
>¹ [á¹ t;àìf¹ ě³à; >¹ì¹¹ 56%ú [ñ¹à; &ñ}  
Áù;à>¹ Šáñ; >¹p;[¹ Ò¹

[A] 39, 30

[B] 41, 32

[C] 42, 33

[D] 43, 34

32. Select a pair of words that have a relationship similar to that of Sand : Glass.

Sand : Glass (ñà[¹ : A;àù;)-&¹ ³ìt;à &A;[i;  
Î´ ŠA;¹v; Á;¹¹ ě\à;à [>ñàù; > A;¹¹áú

[A] Cotton : Wool

[B] Tree : Paper

[C] Seed : Flower

[D] Stove : Oven

33. Choose the combination of words that is most suitable to fill in the blanks.

À>Ñà> Š1ò1 \>, Îàìììù I;Š™Vij À! ‡Ú [>ààì> A;ì1àìù

Work-life balance schemes in the workplace have been \_\_\_\_\_ by employees and increase morale and \_\_\_\_\_ at work.

- [A] proscribed, motivate
- [B] celebrated, discourage
- [C] condemned, inspiration
- [D] commended, motivation

34. Choose the combination of words among the answers that can best replace the underlined words in the sentence.

[>ììì I;[ÀJt; [àA;çP;[°1 3ì<, ààìA; "à"jà1°àÒ> A;1à À! P;[°1 I;Š™Vij [àA;ç À! ‡Ú [>ààì> A;ì1àìù

The new CEO pledged to deal with the company's environmental issues and comply with the regulations.

- [A] implicated, repudiate
- [B] negated, disown
- [C] affirmed, obey
- [D] engrossed, ignore

35. Butterfly → Caterpillar : Toad → \_\_\_\_\_

Š\š[t; (Butterfly) → ÇìùàìŠàAà (Caterpillar) : à,àR; (Toad) → \_\_\_\_\_

- [A] Tadpole
- [B] Frog
- [C] Swamp
- [D] Lizard

36. Since Ratan, the car owner, does not have the \_\_\_\_\_ to do anything beyond sending out notices; the corporation has now decided to take steps to attach movable properties such as cars so that people take the notices more \_\_\_\_\_. (fill-in with the most suitable combination)

Îàìììù I;Š™Vij À! ‡Ú [>ààì> A;ì1àìù

- [A] authority, unconcernedly
- [B] influence, justly
- [C] guts, suitably
- [D] power, seriously

37. **Statement :** In an IPL T20 match played between Kolkata Knight Riders (KKR) and Rajasthan Royals, the total runs made by the KKR team were 200. 160 runs out of 200 runs were made by spinners.

àv;à, - "àÒ[Š&° [i;-èi;àìù[èi; 3,àììì, A;°A;àt;à >àÒi; 1àÒI;àÎ (èA;ìA; "à1) &à} 1à \Ñà> 1Ú,à°ìÎ1 3ì<, èJ°àÚ èA;ìA; "à1 fì°1 è3àì 1à> [á°;200ú 200 1àì>1 3ì<, 160 1à> [ÑŠ>à1ìf1 ‡à1à A;1à Òìù[á°;ú

**Conclusion-I :** 80% of the team consists of spinners.

**Conclusion-II :** The opening batsmen were spinners.

I;šÎ}Òà1-I - f°[i; 80% [ÑŠ>à1ìf1 [>ìù K[k; t;ìù

I;šÎ}Òà1-II - Šà1[´ A; à;àì;Î3,à>1à [ái°> [ÑŠ>à1ìù

Select which among the following options is **correct**.

[>´[°[Jt; [àA;çP;[°1 3ì<, èA;à>[i; Î[kA; t;à [>ààì> A;ì1àìù

- [A] Only Conclusion I is true
- [B] Only Conclusion II is true
- [C] Both Conclusion I and II are true
- [D] Neither Conclusion I nor II is true

38. **Statement-I :** Some Doctors are Teachers

**Statement-II :** All Teachers are Engineers

**Statement-III :** All Engineers are Scientists

$\alpha \vee \beta, -I - [A] \hat{a} \mid \hat{a} \vee \beta \hat{a}^1 [\hat{A} \hat{U} \mid A]$

$\alpha \vee \beta, -II - \hat{I} A_i^o \mid [\hat{A} \hat{U} \mid A] \hat{O} [g] > \hat{U} \hat{a}^1$

$\alpha \vee \beta, -III - \hat{I}^3 \hat{N} \hat{O} [g] > \hat{U} \hat{a}^1 [\alpha \hat{`} \mid \hat{a} > \hat{a}]$

**Conclusion-I :** Some Scientists are Doctors

**Conclusion-II :** All Engineers are Doctors

**Conclusion-III :** Some Engineers are Doctors

$I_i \hat{S} \hat{I} \} \hat{O} \hat{a}^1 -I - [A] \hat{a} \mid [\alpha \hat{`} \mid \hat{a} > \hat{a}] \mid \hat{a} \vee \beta \hat{a}^1$

$I_i \hat{S} \hat{I} \} \hat{O} \hat{a}^1 -II - \hat{I} A_i^o \mid \hat{O} [g] > \hat{U} \hat{a}^1 \mid \hat{a} \vee \beta \hat{a}^1$

$I_i \hat{S} \hat{I} \} \hat{O} \hat{a}^1 -III - [A] \hat{a} \mid \hat{O} [g] > \hat{U} \hat{a}^1 \mid \hat{a} \vee \beta \hat{a}^1$

Select which among the following options is **correct**.

$[> \hat{`} \mid \hat{O} [J] t_i \mid [\alpha A_i \hat{z} \mid P_i \mid \hat{O}^1 \hat{z} \hat{i} < , \hat{e} A_i \hat{a} > \mid i_i \mid \hat{I} [k A_i \mid t_i \hat{a} \mid [> \alpha \hat{a} \mid i_i > A_i \hat{i}^1 \hat{a} \hat{i} \hat{U}]$

[A] Only Conclusion I is true

[B] Only Conclusion II is true

[C] Both Conclusion I and II are true

[D] Neither Conclusion I nor II is true

39. If Scribble : Write and Stammer : Walk or Play or Speak or Dance

If Errata : Books and Flaws : Speech or Vocabulary or Metals or Manucripts  
In the light of the above, the **correct** combination for

Stammer : ..... and Flaws : ..... will be

$I_i \hat{S} \hat{i}^1 \hat{e} \hat{S} \mid \hat{U} \hat{i} \hat{t} \mid$

Stammer : ..... and Flaws :  $I_i \hat{S}^m \vee \beta \mid \hat{A} \mid \hat{z} \hat{U} \hat{O} \hat{i} \hat{\alpha}$

[A] Walk and Speech

[B] Play and Book

[C] Speak and Speech

[D] Speak and Metals

40. BARODA : CBSPEB :: ? : CPNCBZ

[A] MADRAS

[B] BOMBAY

[C] BANGAL

[D] BANGLA

41. If in a certain code, DISTANCE is written as EDCINSAT, how would someone code FOLDINGS?

$^m [f \mid \& A_i \mid i_i \mid [> [f \hat{E} \mid \hat{e} A_i \hat{a} \mid i_i \mid , \text{DISTANCE } \hat{e} A_i \mid \text{EDCINSAT } \hat{e}^o J \hat{a} \mid \hat{O} \hat{U} , t_i \hat{a} \hat{O} \hat{i}^o \mid \hat{e} A_i \mid i_i \mid A_i \hat{a} \hat{O} \hat{a} \hat{i} \hat{\alpha} \mid \text{FOLDINGS } \hat{e} A_i \hat{a} \mid i_i \mid A_i^1 \hat{i} \hat{\alpha} ?$

[A] SFGONLDI

[B] SFGONLID

[C] SFOGNLID

[D] SFGOLNID

42. ABCD : WXYZ :: EFGH : ?

[A] STUV

[B] STVU

[C] VUTS

[D] VTSU

43. PRINCIPAL : LAPICNIRP :: ADOLESCENCE : ?

- [A] ECNCESLODA
- [B] ECNECSLEODA
- [C] ECNSCEELODA
- [D] ECNECSELODA

44. In the portion below, there is a sentence of which some parts have been jumbled up. Rearrange these parts which are labelled as O, P, Q, R and S in order to produce the **correct** sentence following a proper sequence.

[>ìŵî¹ "]îĀ &Aᵢ[iᵢ ᄁàAᵢ, 1ìÚìá ᵀᵀà¹ [Aᵢá "]Ā  
&ìᵀàì³ìᵀᵀà Aᵢ¹à ÒìÚìáᵢú &Aᵢ[iᵢ Î[kᵢAᵢ yᵢ³ ">Î¹ᵀᵀ  
Aᵢî¹ Î[kᵢAᵢ ᄁàAᵢ, íŧî¹ Aᵢ¹îŧî O, P, Q, R &ᵀ} S  
ēᵀìᵀᵀᵀᵀᵀᵀᵀ &Ò "]ĀPᵢ[ᵀìAᵢ Š>¹àÚ Îà\à\*ᵢú

O : can be

P : true great thinkers

Q : ages

R : acceptable

S : in all

The proper sequence should be

Î[kᵢAᵢ yᵢ³[iᵢ Ò\*Úà Iᵢŵîŧî

- [A] PORSQ
- [B] PSQRO
- [C] QSPOR
- [D] OPQRS

45. In the portion given below, there is a sentence where the starting words are given and the remaining parts are jumbled up. Rearrange these parts which are labelled Q, R, S, T in order to produce the **correct** sentence following a proper sequence.

[>ìŵî¹ "]îĀ &Aᵢ[iᵢ ᄁàAᵢ, 1ìÚìá ēᵀJàì> Çᵢ¹ᵢ¹  
ĀᵢPᵢ[ᵀ ēf\*Úà ÒìÚìá &ᵀ} "ᵀĀĒᵢ "]ĀPᵢ[ᵀ  
&ìᵀàì³ìᵀᵀà Aᵢ¹à ÒìÚìáᵢú &Aᵢ[iᵢ Î[kᵢAᵢ yᵢ³ ">Î¹ᵀᵀ  
Aᵢî¹ Î[kᵢAᵢ ᄁàAᵢ, íŧî¹ Aᵢ¹à¹ \>, Q, R, S, T  
ēᵀìᵀᵀᵀᵀᵀᵀᵀ &Ò "]ĀPᵢ[ᵀìAᵢ Š>¹àÚ Îà\à\*ᵢú

The match

Q : however

R : continued despite

S : at Wimbledon

T : bad weather

The **correct** sentence following a proper sequence will be

&Aᵢ[iᵢ Î[kᵢAᵢ yᵢ³ ">Î¹ᵀᵀ Aᵢî¹ Î[kᵢAᵢ ᄁàAᵢ, Òìᵀ

- [A] QRTS
- [B] QRST
- [C] TSRQ
- [D] SRQT

46. A consumer buys a refrigerator whose market price is <36,000 from a dealer at a discount of 15%. If the rate of GST is 18%, the total amount that the consumer pays for the refrigerator will be

&Aᵢ\> KàÒAᵢ [Iᵢᵀàì¹¹ Aᵢàá ē=ìAᵢ 15% [IᵢÎAᵢà Iᵢîîᵢ  
&Aᵢ[iᵢ ē¹[Óᵢ\àì¹ᵢᵢ¹ ēAᵢî>> ᵀᵀà¹ ᄁà\à¹ 3ᵀ,  
<36,000ᵢú ᵀᵀf GST-&¹ Òà¹ 18% ÒÚ,  
ŧᵢàÒìᵀ ē¹[Óᵢ\àì¹ᵢᵢ¹ \>, KàÒAᵢ ēᵀ Š[¹³àᵀ "=  
Šfà> Aᵢ¹ìᵀᵀ, ŧᵢà Òìᵀ

- [A] <36,108
- [B] <30,600
- [C] <36,600
- [D] <36,666

47. A retailer buys an air conditioner from a wholesaler for <35,000 and sells it to the consumer at a profit of 8%. If the rate of GST is 28%, the tax liability of the retailer will be

&A; \> J\1à [p;y;t;à ŠàÒA;à11 A;àá è=ìA; <35,000-& &A;[i; &Úà1 A;[“;À>à1 èA;ì>> & } 8% 0àì@; èy;t;à1 A;àá [p;y; A;ì1>ú GST-1 Òà1 28% Òì0 J\1à [p;y;t;à1 i;àG fàÚ Òì0

[A] <874

[B] <748

[C] <784

[D] <780

48. A retailer buys a television from a manufacturer for <25,000. He quotes the price of the TV 20% above his cost price and sells it to a consumer. What will be the marked price of the TV?

&A; \> J\1à [p;y;t;à ŠÑt;A;à1ìA;1 A;àá è=ìA; <25,000-& &A;[i; èi;[0@;À> èA;ì>>ú [t;[> [i;[0;1 30, t;à1 3ì0,1 20% èp[À l;t;t; A;ì1> & } &[i; &A; \> è0;àv;à1 A;àá [p;y; A;ì1>ú [i;[0;1 [v;[Ò;t; 30, (marked price) A;t; Òì0?

[A] <30,000

[B] <27,000

[C] <32,000

[D] <30,500

49. A dealer in Madhya Pradesh supplies goods and services worth <10,000 to a person of another city in the same state. If the rate of GST is 24%, then the SGST will be

3<Šìf;À1 &A; \> [l;0à1 &A;Ò 1àì \,1 ">, ÀÒì11 &A; \> p;[v;ìÀ; <10,000 3ì0,1 Š0, \* Š[1ìÈ0à Î10àÒ A;ì1>ú [f GST-&1 Òà1 24% ÒÚ, t;àÒì0 SGST Òì0

[A] <1,800

[B] <1,000

[C] <2,400

[D] <1,200

50. For a transaction of goods and services worth <20,000 from Delhi to Jaipur at 10% discount and 20% GST, the total amount of bill will be

[f[À è=ìA; \ÚŠ1 Š™™ <20,000 3ì0,1 Š0, \* Š[1ìÈ0à1 è0>ìf;ì>1 \>, 10% áàì & } 20% GST, [p;01 è3àì Š[13à0 Òì0

[A] <23,600

[B] <19,800

[C] <21,600

[D] <21,000

51. Nirmita deposited <1,000 per month for 24 months in a bank's recurring deposit account. If the bank pays interest @ 8% per annum, then the interest paid by the bank at the time of maturity is

[>[3t;à &A;[i; p;àìS;1 è1A;à[1} [l;ìŠà[ \i; ", àA;à l;ì0; 24 3àì Î1 \>, Š[t; 3àì Î <1,000 \3à A;ì1ìáú [f p;àS;1 p;àì 8% Òàì1 Îf èfÚ, t;àÒì0 è3ÚàfŠ[t;1 Î3ìÚ p;àìS;1 èf\*Úà Îf Ò0

[A] <1,280

[B] <2,000

[C] <1,550

[D] <2,080

52. Anil Babu has a recurring deposit account in bank. He has deposited <500 per month for 3 years. If he gets <21,330 at the time of maturity, then the rate of interest is

"[>° ²³¹ &A;[i; ²,àìS; ë¹A;à¹] [l;ìŠà[\i; ",àA;àl;îî; ¹ìùìáú [t;[> 3 ²¹ <ì¹ Š[t; ³àîÎ <500 \³à A;¹ìá>ú [f [t;[> ë³úáfŠ[t;¹ Î³ìú <21,330 Šà>, t;àòì° Îîf¹ Òà¹ Ò°

- [A] 10%  
[B] 13%  
[C] 12%  
[D] 14%

53. The money required to buy 400, < 50 shares at a premium of < 10, is

<10 &¹ [Š³úà³ 400, <50 ëÁúà¹ ëA;à¹ \>, Šìúà\>áú "= Ò°

- [A] <24,000  
[B] <36,000  
[C] <42,000  
[D] <48,000

54. Sumit bought 50 shares at < 12.50 premium in a company paying 10% dividend, then market value of 250 shares is

Î³t; 10% °@;à}Á Šfà> A;¹ &³> &A;[i; ëA;à¹Šà[>ìt; <12.50 [Š³úà³ 50[i; ëÁúà¹ [A;¹ì°, t;àòì° 250 ëÁúà¹¹ ²à\à¹ ³°, Ò°

- [A] <12,500  
[B] <10,000  
[C] <15,625  
[D] <16,250

55. An early stage investor is an search of the best option for invertment for which he has the following options :

&A;\> Šà=[³A; Š³àìú¹ [²[>ìúàKA;à¹à [²[>ìúàK¹ \>, Îî²àV;³ [²A;ìç¹ Î²à> A;¹ìá> ³à¹ \>, t;à¹ [²[°[Jt; [²A;çP;[° ¹ìúìá -

- [A] 15% < 80 shares at < 120  
[B] 10% < 90 shares at < 60  
[C] 18% < 50 shares at < 100  
[D] 20% < 60 shares at < 100

Which among the above options will be the most suitable for the investor?

l;Šì¹¹ [²A;çP;[°¹ ³ì<, ëA;à>[i; [²[>ìúàKA;à¹à¹ \>, Îî²àV;³ l;Š³V;î Òì°?

56. A person purchases 600 shares of face value <40 at par. If a dividend of <1,680 was received at the end of the year, what will be the rate of dividend?

&A;\> ²,[V;î Î³à> ³ì°,¹ <40 ³ì°,¹ 600[i; ëÁúà¹ y;ú A;¹ì>ú [f ²àì¹¹ ëÁìë &¹ °@;à}Á <1,680 Šà\*úà ³àú, t;àòì° °@;à}Á¹ Òà¹ A;t; Òì°?

- [A] 7%  
[B] 7.5%  
[C] 8%  
[D] 8.5%

57. If after allowing a discount of 25% on the marked price, a seller gains 20%, by how much percent more than the cost price should he mark his goods?

[f [W;[Ò;t; ³ì°,¹ l;Š¹ 25% áàl; ëf\*úà¹ Šì¹, &A;\> [²;y;t;à¹ °à@; 20% Òú, t;àòì° t;àìA; t;à¹ Šì°,¹ ³ì°,¹ ë=ìA; A;t; Át;à}Á ë²[Á [W;[Ò;t; A;¹ìt; Òì°?

- [A] 60%  
[B] 70%  
[C] 50%  
[D] 55%

58. A bookseller earns a profit of 12% on selling a book at 10% discount on the printed price. The ratio of the cost price to printed price of the book is

&A; \> 0 [0]y;t:à 3[%t; 3]0,1 10% l;š1 áàil;  
&A;[i; 0 [0]y; A;1 12% 0à0; A;1>ú 00iú1  
3[%t; 3]0,1 îà= J11; 3]0,1 ">šât; 0i0

- [A] 50 : 61  
[B] 90 : 97  
[C] 99 : 125  
[D] 45 : 56

59. The marked price of an article is < 160 and a customer buys it for < 122.40 after two successive discounts. If the first discount is 10%, then the second discount is

&A;[i; [>0ib;1 [1;[0;t; 30, 00 <160 &0} &A; \>  
Kà0A; š1š1 f[i; áàil;1 š1 &[i; <122.40-&  
y;ú A;1>ú š=3 [l;îA;àl;0i; 10% 0i0, [t;t;àú  
[l;îA;àl;0i; 0i0

- [A] 12%  
[B] 10%  
[C] 14%  
[D] 15%

60. At an auction, a merchant bought 140 cupboards. He sold 80 of them at a profit of < 4,000 and the rest at a loss of < 1,200. From this entire business, his overall gain was 10%. What is the cost of each cupboard?

&A;[i; [>0i3, &A; \> 0,0îàú 140[i; "à03à[1  
[A;1>[ái0>ú [t;[> t;à1 3i< 80[i; <4,000 0à0;  
&0} 0à[A;P;[0 <1,200-&1 0;[t;î;t; [0]y; A;1>ú  
&0 î3K 0,0îà è=îA; t;à1 îà3[K;A; 0à0; [á0  
10%ú š[t;[i; "à03à[11 fà3 A;t;?

- [A] <210  
[B] <190  
[C] <200  
[D] <180

61. Arrange the following words in the alphabetical order and choose the word that comes in the second position.

[>î1;1 Â;P;î0àîA; 00à>y;[3A;0;àî0 îà[\iú [t;t;àú  
"0ñàî> "àîà Â;[i; è0iá>à\*

- [A] Prominent  
[B] Prohibition  
[C] Programme  
[D] Prolong

62. In a co-educational school, the number of boys is twice than that of the girls. Rima ranked 17th from the top. If there are 7 girls ahead of Rima and her rank is 20th from the last in the class, how many girls are after Rima?

&A;[i; î0-[Â0;à30A; [0f,à0iú éái0if1 î}J,à  
è3iúif1 t;0>àú [t;P;0iú ÂàÈ è=îA; 17t;3 Ñàî>  
1iúîá [13àú [f [13à1 è=îA; 7 \> è3iú &[K;îú  
=àîA; &0} t;à1 Ñà> A;àî î àÀÈ è=îA; 20t;3 0ú,  
t;à0i0 [13à1 š11 A;t; è3iú 1iúîá?

- [A] 4  
[B] 5  
[C] 6  
[D] 7

63. One evening before sunset, two friends Ramesh and Suresh were talking to each other face to face. If Suresh's shadow was exactly to his right side, which direction was Ramesh facing?

&A; îb;àú, î™àîñ1 šî0, f0 0p; 1i3Â \* î11Â  
3iJà3[J A;=à 00[ái0>ú î1i1Â1 áàúà [k;A; l;à>[fîA;  
=àîi0 1i3Â èA;à> [fîA; 3J A;1 [á0?

- [A] South  
[B] North  
[C] East  
[D] West

64. A bus starts from point A and runs 10 km towards North. It then turns right and runs 15 km. Then, it turns right again and runs another 10 km to reach point B. After reaching point B, how far is the bus from the starting point A?

&A;[i; ɹàî [ɹəf A ẽ=iA; ʷi°à Çi¹; A;¹ &ɹ} I;v;¹  
[f;A; 10 [A;[³ ʷi°i;ú &[i; t;à¹š¹ I;à>[f;A; ẽ³àI; ẽ>ú  
&ɹ} 15 [A;[³ ʷi°i;ú t;à¹š¹, &[i; "àɹà¹ I;à>[f;A;  
ẽ³àI; ẽ>ú &ɹ} B [ɹəf;it; ẽš]áà;à¹ \>, "à¹\* 10  
[A;[³ ʷi°i;ú [ɹəf;it; ẽš]áà;à¹ š¹, Çi¹;¹ A [ɹəf  
ẽ=iA; ɹàî[i; A;t; f;¹?

- [A] 30 km  
[B] 15 km  
[C] 20 km  
[D] 35 km

65. If Z=52 and ACT=48, then BAT will be equal to

ʷ[f Z = 52 &ɹ} ACT = 48 ÒÚ, t;àÒi° BAT  
Òiɹ

- [A] 39  
[B] 42  
[C] 45  
[D] 46

66. If A = 1, B = 2, C = 3 .... and AT = 20 and BAT = 40, then CAT will be equal to

ʷ[f A = 1, B = 2, C = 3 &ɹ} AT = 20 &ɹ}  
BAT = 40 ÒÚ, t;àÒi° CAT Òiɹ

- [A] 60  
[B] 50  
[C] 30  
[D] 70

67. If Asit writes EARTH as QPMZS, then how will he write HEART?

"[Î t; ʷ[f EARTH ẽA; QPMZS [ÒiÎiɹ ẽ°iJ,  
t;àÒi° ẽÎ A;à@;à;ɹ HEART [°Jiɹ?

- [A] SQPMZ  
[B] SQPZM  
[C] SPQZM  
[D] SQMPZ

68. If 'diamond' is called 'gold', 'gold' is called 'silver', 'silver' is called 'ruby' and 'ruby' is called 'emerald', then which one becomes the cheapest one?

ʷ[f diamond ẽA; gold, gold ẽA; silver,  
silver ẽA; ruby &ɹ} ruby ẽA; emerald ɹ°à  
ÒÚ, t;àÒi° ẽA;à>[i; Îɹi;ú ÎÑà Òiɹ?

- [A] Ruby  
[B] Diamond  
[C] Silver  
[D] Gold

69. In a certain code, '123' means 'hot filtered coffee', '356' means 'very hot day' and '589' means 'day and night'. Which digit in that code means 'very'?

&A;[i; [>[fÊ; ẽA;à;I; 123 ³à; > hot filtered  
coffee, 356 ³à; > very hot day &ɹ} 589  
³à; > day and night;ú ẽÎÒ ẽA;à;I;¹ ẽA;à> ÎJ,à  
³à; > very?

- [A] 8  
[B] 3  
[C] 6  
[D] 9

70. Anita has identified that three out of the following four pair of numbers have the same relationship. Help Anita to find the odd pair out.

"[>t;à °Ú; A;¹iá ẽʷ [>[°Jt; ʷ;à¹ ẽ\àI;à ÎJ,à¹  
³i<, [t; >[i; &A;Ò Î´šA; ¹iú;á;ú [ɹi\àI; ẽ\àI;à  
Ji\ ẽɹ¹ A;¹i; " [>t;à;A; ÎàÒàʷ, A;¹¹;ú

- [A] 4 : 63  
[B] 1 : 0  
[C] 5 : 124  
[D] 2 : 15

## PART—II

### ( Islamic History and Culture, General English & General Knowledge )

71. The third Caliph was

ﺗﺘﯩﺪﺍﺅ ﺟﯩﻠﺎﻝ ﺑﯩﻦ ﺭﺑﺎﻩ

- [A] Bilal ibn Rabah
- [B] Khalid ibn Walid
- [C] Uthman Ibn Affan
- [D] Zayd ibn Harithah

72. Insha'allah means

ﺍﻧﺸﺎﺀﺍﻟﻠﻪ

- [A] Glory to Allah
- [B] If Allah wills
- [C] Praise to Allah
- [D] As per Allah's wills

73. According to Islam, after death

ﺍﻓﺘﺮﺍﺩﺍ ﺑﻪﺷﺮﻩﺗﯩﻦ ﺑﻪﺭﻩﺗﻪﺭﻩﻙ ﺑﻮﻟﻤﺎﻱ ﺗﻪﺭﺍﺗﺘﯩﻢ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ

- [A] human beings will be resurrected
- [B] reward or punishment will be given
- [C] both of the above
- [D] nothing happens

74. Sayings of Prophet Muhammad (PBUH) are called

ﺳﻮﻩﺏ ﺍﻟﻨﺒﯩﻲ ﺍﻟﻤﯘﻫﻤﺪﻯ ﺳﺎﻟﻮﺗﯩﻨﻰ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ

- [A] Nasihat
- [B] Sifat
- [C] Akhlaq
- [D] Hadith

75. The Holy Qur'an has \_\_\_\_ chapters.

ﺷﻪﺭﻩﻩ ﻗﯘﺭﺁﻥ ﻛﯩﺮﻩﻙ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ

- [A] 30
- [B] 99
- [C] 114
- [D] 786

76. The shape of Kaaba inside Masjid al-Haram is like a

ﺳﯩﻤﺎ ﻛﯘﺑﻪ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ

- [A] cube
- [B] sphere
- [C] cylinder
- [D] cone

77. Prophet Muhammad (PBUH) was a

ﺗﯩﺪﻩﺭﻩﺗﻜﯩﺸﻰ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ

- [A] translator
- [B] merchant
- [C] peasant
- [D] mason

78. Who of the following Prophets was born miraculously?

ﺑﻪﺭﻩﺗﻪﺭﻩﻙ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ

- [A] Moses
- [B] Jesus
- [C] Yaqub
- [D] Yusuf

79. At the beginning of any task, Muslims say

ﺑﯩﺴﻤﯩﻠﻠﻪ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ

- [A] bismillah
- [B] inshaallah
- [C] mashaallah
- [D] subhanallah

80. The city of Madina was known in the past as

ﺗﺎﻳﻒ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ ﺑﻮﻟﻤﺎﻱ

- [A] Taif
- [B] Tabuk
- [C] Yathrib
- [D] Dammam

81. What did Allah (SWT) command the angels to do to Adam (AS)?

"àÀàÒ (ÎàÒà>àx \*Úà tjàÚà°à) "àf³ ("à-)&¹ Š[tj ëóì¹Àtjàìf¹ Ajà "àìfÀ Aì¹[áì°>?

- [A] Test his patience
- [B] Protest
- [C] Degrade
- [D] Bring him food

82. Where did Adam (AS) and Hawwa reside before coming to earth?

Š[=ààìtj "àîà¹ "àìK "àf³ ("à-) \* Òà\*Úà ëAjà=àÚ =àAìtj>?

- [A] Sahara
- [B] Jahannam
- [C] Madinah
- [D] Jannah

83. As a young boy Prophet Muhammad (SAW) used to work as a \_\_\_\_\_

ëáàìj àà°Aì àÚîÎ >àà ³Òà´f (Îà-) ëAjà> Ajà \ Aì¹ìtj>?

- [A] Merchant
- [B] Scientist
- [C] Trader
- [D] Shepherd

84. What is the relation of Aisha (RA) with Prophet Muhammad (SAW) ?

Ò¹¹tj ³Òà´f (Îà-)&¹ îàì= "àìÚÀà (¹à-) &¹ î´ŠAì Ajà?

- [A] Siblings
- [B] Husband and wife
- [C] Father and daughter
- [D] None of the above

85. What is the meal to break the fast called?

ë¹à \à @jàRjà¹ Jààà¹ìAì Ajà àì°?

- [A] Suhoor
- [B] Sadaqah
- [C] Tarawih
- [D] Iftar

86. During Ramadan, Muslims refrain from which of the following?

ì³ \à> ³àìî ³î°³à>¹à [ >ìWì¹ ëAjà>[ìj ë=ìAì [à¹tj =àìAì?

- [A] Sleeping
- [B] Speaking
- [C] Eating and drinking
- [D] Working out

87. What is the meaning of 'Allahu Akbar' in English?

Òjì¹[\ìtj " "àÀàx "àAìà¹'&¹ "= Ajà?

- [A] Allah is the most praiseworthy
- [B] Allah is the most merciful
- [C] Allah is the greatest
- [D] None of the above

88. What do we say when we hear the name of Prophet Muhammad?

>àà ³Òà´fìf¹ >à³ Çj>ì° "à³¹à Ajà àì°?

- [A] Salallahu Alayhi Wasallam
- [B] Sadaqallahul Azim
- [C] Radi Allah Anhu
- [D] None of the above

89. What is the meaning of the term 'Dua' in Arabic?

"à¹ààìtj 'f"à' Àì¹¹ "= Ajà?

- [A] Supplication
- [B] Charity
- [C] Prayer
- [D] Fasting

90. How many times does the term 'Allahu Akbar' appear in the call to prayer (Adhan)?

"à¹àì> Aìtj;àà¹ " "àÀàx "àAìà¹' Àì[jì &ìîà?

- [A] 2
- [B] 4
- [C] 5
- [D] 6

91. Identify the **correct** alternative given below.

- [A] Misanthropist — one who hates or distrusts mankind
- [B] Misogynist — one who hates men
- [C] Atheist — one who believes in the existence of God
- [D] Philanthropist — one who writes life story of another person

92. She dealt with the problem of her client so \_\_\_\_\_, that even the Judge was \_\_\_\_\_.

Fill in the blanks with the **correct** alternatives.

- [A] agreeably, satisfied
- [B] inspiringly, appreciating
- [C] diligently, happy
- [D] dexterously, impressed

93. A \_\_\_\_\_ of arrows.

Fill in the blank with the appropriate collective noun.

- [A] quiver
- [B] fleet
- [C] swarm
- [D] cluster

94. Select the **correct** sentence from the given alternatives.

- [A] The convict was hung this morning
- [B] these houses are for the poor to live
- [C] Neither of the books were interesting
- [D] What is the time by your watch?

95. A collection of poems or other pieces of writing is called

- [A] analogy
- [B] anthology
- [C] philology
- [D] cryptology

96. LED stands for what?

LED 3àì> Aìà?

- [A] Light Emitting Device
- [B] Low Emitting Diode
- [C] Light Electronic Diode
- [D] Light Emitting Diode

97. Computer is connected to internet by which device?

Aì[Šììà¹ ëAìà> "ì"¹ 3à<ì³ Òììà¹ì>ìì¹ îàì= î}™vìì ÒÚ?

- [A] Modem
- [B] Mouse
- [C] CPU
- [D] RAM

98. Which is the smallest planet in our solar system?

"à³àìf¹ ëîî¹\Kìt¹ îàììú éààì KÒ ëAìà>[ìì?

- [A] Earth
- [B] Mars
- [C] Mercury
- [D] Saturn

99. The first British Viceroy of India was

òìà¹ìt¹ Š=³ [ììîÀ òìòîî¹ú [àì°>

- [A] Lord Curzon
- [B] Lord Irwin
- [C] Lord Canning
- [D] Lord Tom

100. Which of the following is **not** a feature of the Indian Constitution?

[>ìì¹ ëAìà>[ìì òìà¹tìàú î}[ì<àì>¹ íì[ÀÈì, >Ú?

- [A] Parliamentary Form of Government
- [B] Independence of Judiciary
- [C] Presidential Form of Government
- [D] Federal Government

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