

EXAMINATION CODE : **4**

Dist. Code	Registration No.					

QUESTION BOOKLET SL. NO.

225347

**QUESTION BOOKLET - PAPER-I**

(Read carefully the instructions given in the Question Booklet)

**SUBJECTS : GENERAL KNOWLEDGE, EDUCATIONAL PSYCHOLOGY AND MENTAL ABILITY**

MAXIMUM MARKS : 100

MAXIMUM TIME : 2 HOURS

SUBJECT CODE : **GP**

(9.00 a.m. to 11.00 a.m.)

(Including initial 10 minutes for filling O.M.R. Answer Sheet)

**INSTRUCTIONS TO THE CANDIDATES**

1. The sealed Question Booklet containing 100 questions enclosed with O.M.R. Answer Sheet is given to you.
2. Open the question paper seal carefully and take out the enclosed O.M.R. Answer Sheet outside the Question Booklet and fill up the general information from Sl. No. 1 to 6 of O.M.R. Answer Sheet. If you fail to fill up the details in the form of alphabet and signs as instructed, you will be personally responsible for consequences arising during scoring of your Answer Sheet.
3. Enter the Question Paper Booklet Sl. No. in the O.M.R. Sheet at Sl. No. 4
4. During the examination :-
  - (a) Read each question carefully.
  - (b) Select the correct answer out of the four choices given under each question.
  - (c) Completely darken/shade the relevant oval against Question No. in the O.M.R. Answer Sheet. For example, in a question paper if Sl. No. 3 is correct answer for Question No. 20, then darken before Sl. No. 20 of O.M.R. Answer Sheet using Blue/Black Ball Point Pen as follows :  

20. (1) (2) ● (4) (Only example)
5. Rough work should be done only on the blank space provided in the Question Booklet. Rough work should not be done on the O.M.R. Answer Sheet.
6. If more than one oval is darkened for a given question, such answer is treated as wrong and no mark will be given. See the example in O.M.R. Answer Sheet.
7. The Candidate and the Room Supervisor should sign in the O.M.R. Sheet at specified place. Candidate has to put left hand thumb impression at specified place compulsorily.
8. Each of the candidate is given carbonless O.M.R. Sheet in duplicate. Candidate should return the original O.M.R. Answer Sheet to the Room Supervisor and retain carbon copy of the same with him after the examination.
9. Calculator, pager and mobile phones are not allowed inside the examination hall.
10. If a Candidate is found committing malpractice, such a candidate shall not be considered for recruitment and action will be taken against such candidate as per rules.

**INSTRUCTIONS TO FILL UP THE O.M.R. SHEET**

1. There is only one correct answer for each question.
2. All entries in the oval must be made with BLUE or BLACK Ball Point Pen only. Do not try to alter the entry.
3. Oval should be darkened completely so that the numeral inside the oval is not visible.
4. Do not make any stray marks on this sheet.
5. This is a carbonless Answer Sheet. There is no need to shade the second copy separately.

**ENGLISH VERSION**

1. The currency of Sweden is
 

(1) Krona	(2) Frank
(3) Euro	(4) Pound
  
2. The molecule used by most animals for long term energy storage is
 

(1) cholesterol	(2) glycogen
(3) starch	(4) fat
  
3. Niagara Waterfalls is located in
 

(1) Africa	(2) Canada
(3) United States	(4) New Zealand
  
4. The ozone hole is formed in the following layer of the earth's atmosphere.
 

(1) Cryosphere	(2) Troposphere
(3) Stratosphere	(4) Mesosphere
  
5. Chola dynasty is credited for establishing the largest dominion in
 

(1) Central India	(2) Western India
(3) Southern India	(4) Northern India

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**Space For Rough Work**

EXAMINATIONS  
1 2 3 4 5 6 7 8 9

MAXIMISATION  
4 3 2 5 4 5 9 3 7 5 8 6

6. The first recipient of Jawaharlal Nehru award was
- |                   |                   |
|-------------------|-------------------|
| (1) Julius Nyrere | (2) U. Thant      |
| (3) Mother Teresa | (4) Martin Luther |
7. Aravind Adiga was awarded the Booker Prize in 2008 for his book
- |                             |
|-----------------------------|
| (1) The White Tiger         |
| (2) The God of Small Things |
| (3) Sea of Puppies          |
| (4) Inheritance of Loss     |
8. Barack Obama, the President of the United States, belongs to
- |                    |                |
|--------------------|----------------|
| (1) Federalist     | (2) Whig       |
| (3) Republic Party | (4) Democratic |
9. The recent epidemic A(H1N1) is believed to have originated from
- |                   |            |
|-------------------|------------|
| (1) Australia     | (2) Mexico |
| (3) United States | (4) China  |
10. The Union Minister for Home Affairs in the newly elected Indian Government is
- |                       |                  |
|-----------------------|------------------|
| (1) Mamata Banerjee   | (2) Chidambaram  |
| (3) Lalu Prasad Yadav | (4) Kapil Sibbal |
11. 'Kadambari' is written by
- |                         |
|-------------------------|
| (1) Kalidasa            |
| (2) Kumara Vyasa        |
| (3) Bana Bhatta         |
| (4) Rabindranath Tagore |

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**Space For Rough Work**

12. The following is recognized for his contribution in the field of child development.
- |                   |               |
|-------------------|---------------|
| (1) John Locke    | (2) Lindquist |
| (3) Sigmund Freud | (4) Allport   |
13. The rate of change of displacement with time is
- |                 |                  |
|-----------------|------------------|
| (1) Retardation | (2) Velocity     |
| (3) Speed       | (4) Acceleration |
14. The brightest planet in the galaxy is
- |             |             |
|-------------|-------------|
| (1) Jupiter | (2) Mercury |
| (3) Venus   | (4) Pluto   |
15. The cell biologist who was awarded Nobel Prize for medicine in 1974.
- |                          |
|--------------------------|
| (1) Herman Joseph Muller |
| (2) Sir Martin Evans     |
| (3) Jesse Porter         |
| (4) George Emil Palade   |
16. The element of an electric heater is made of
- |           |              |
|-----------|--------------|
| (1) iron  | (2) nichrome |
| (3) brass | (4) copper   |

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**Space For Rough Work**

7 =

17. R.L. Stevenson is the author of
- (1) Old Man and the Sea
  - (2) She Stoops to Conquer
  - (3) Treasure Island
  - (4) Twelfth Night
18. Kaziranga National Park is located in the State of
- (1) Assam
  - (2) Uttar Pradesh
  - (3) West Bengal
  - (4) Mizoram
19. The instrument which records the intensity of earthquake is
- (1) Seismograph
  - (2) Spectrograph
  - (3) Electrograph
  - (4) Oscilloscope
20. Alexander Graham Bell is credited to the invention of
- (1) Telephone
  - (2) Electricity
  - (3) Television
  - (4) Radio
21. The following gland is located above the kidney.
- (1) Thyroid
  - (2) Pituitary
  - (3) Pancreas
  - (4) Adrenal

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**Space For Rough Work**

2. The two longest rivers in the world
- (1) Ganges & Yellow river
  - (2) Nile & Amazon
  - (3) Nile & Ganges
  - (4) Amazon & Mississippi
3. The French Government set up East India Company in
- |          |          |
|----------|----------|
| (1) 1616 | (2) 1664 |
| (3) 1600 | (4) 1610 |
4. The founder of Buddhism was
- (1) Siddartha Gautama
  - (2) Namadev
  - (3) Harsha Vardhana
  - (4) Chandragupta Maurya
5. Citrus fruits have the following vitamin in abundance.
- |               |               |
|---------------|---------------|
| (1) Vitamin C | (2) Vitamin D |
| (3) Vitamin A | (4) Vitamin B |
6. Maori people belong to the following country.
- |                 |                  |
|-----------------|------------------|
| (1) Mauritius   | (2) Sri Lanka    |
| (3) New Zealand | (4) South Africa |
7. Nitrogen content of urea is
- |          |         |
|----------|---------|
| (1) 26%  | (2) 56% |
| (3) 46 % | (4) 36% |

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**Space For Rough Work**

3 G.P.D. 9.6 J M 6. ?

28. December 10 is observed as
- (1) World Red Cross Day
  - (2) Human Rights Day
  - (3) U.N. Day
  - (4) World Health Day
29. The capital of Canada is
- |              |               |
|--------------|---------------|
| (1) Montreal | (2) Vancouver |
| (3) Toronto  | (4) Ottawa    |
30. Durand Cup is associated with the following Indian sport.
- |                    |              |
|--------------------|--------------|
| (1) Ball Badminton | (2) Football |
| (3) Cricket        | (4) Hockey   |
31. The Judges of the Supreme Court of India are appointed by
- |                    |                    |
|--------------------|--------------------|
| (1) Prime Minister | (2) Home Minister  |
| (3) President      | (4) Vice-president |
32. Kylie Minogue, the famous female pop singer, hails from
- |                 |               |
|-----------------|---------------|
| (1) New Zealand | (2) America   |
| (3) England     | (4) Australia |
33. Steel is mainly an alloy of iron &
- |               |            |
|---------------|------------|
| (1) manganese | (2) carbon |
| (3) chromium  | (4) nickel |

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**Space For Rough Work**

34. Which method do you select to study the pattern of reading interests of high school students in a selected area ?
- (1) Survey (2) Observational  
(3) Developmental (4) Experimental
35. This branch of psychology aims to find out the basic principles of human behaviour.
- (1) Developmental Psychology  
(2) General Psychology  
(3) Social Psychology  
(4) Abnormal Psychology
36. A bird is trained to peck at a green light when it is on. Now it gets reinforcement after every ten minutes duration. This schedule of reinforcement is known as \_\_\_\_\_ schedule.
- (1) Interval (2) Variable  
(3) Continuous (4) Ratio
37. A person proceeding towards a goal is obstructed by an obstacle. The mental state of his/her experience is called as
- (1) Frustration (2) Conflict  
(3) Tension (4) Stress

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**Space For Rough Work**

365  
 Jan 1<sup>st</sup> → Sunday  
 Dec 31<sup>st</sup> → now

HOUSE  
 I M X O S H I

SHELF  
 F F H H I J K



38. Which is the first stage in the process of memorization ?
- (1) Recall (2) Learning  
(3) Recognition (4) Retention
39. Which of the following is an example of Intrinsic Motivation ?
- (1) Trying to achieve mastery in an art.  
(2) Working hard to earn more money.  
(3) Trying to get a specific reward.  
(4) Working for social recognition.
40. Directing one's emotions and tensions towards socially acceptable channels is known as
- (1) Projection (2) Compensation  
(3) Rationalization (4) Sublimation
41. The technique of Sociometry was developed by
- (1) J.L. Mereno (2) Stephen Corey  
(3) Kurt Lewin (4) Alex Osborn
42. If you want to know whether students who score more marks in a Physics Test are likely to score more marks in a Mathematics Test, which of the following statistical measures do you calculate ?
- (1) Quartile Deviation  
(2) Average Deviation  
(3) Standard Deviation  
(4) Correlation Co-efficient

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**Space For Rough Work**

43. J.B. Watson was a well known \_\_\_\_\_ Psychologist.
- (1) Cognitive (2) Behaviouristic  
(3) Psycho-analytic (4) Humanistic
44. Which of the following statements about growth and development is correct ?
- (1) Development includes Growth.  
(2) Growth and Development continue in the same rate throughout life.  
(3) Growth and Development give the same meaning.  
(4) Growth includes Development.
45. Observational Learning gives importance to the concept of
- (1) Modelling (2) Structuring  
(3) Insight (4) Contiguity
46. A toy is shown to a child, and it is kept under a mat in the view of the child. The child points towards the mat to get the toy. This cognitive action appear at the
- (1) End of Sensory-Motor stage  
(2) Beginning of Concrete-Operational stage.  
(3) Beginning of Sensory-Motor stage.  
(4) End of Pre-Operational stage.

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Space For Rough Work

A - Hinh, Kan, Bi  
200, Sa  
B & C - Eco, Soei.  
D & A - 200 & Sans  
E & B - Hinh & Kan.  
Paper-I GP

47. Any verbal or non-verbal symbol which represents a group of objects or ideas which are similar in some attributes but dissimilar in certain other attributes is called as a
- (1) Principle (2) Discrimination  
(3) Generalization (4) Concept
48. To begin with the aim of Psychology was considered to be the study of
- (1) Soul (2) Behaviour  
(3) Consciousness (4) Mind
49. Which statement does not apply to the nature of attitudes ?
- (1) Attitudes differ in their intensity.  
(2) Attitudes are influenced by biological factors.  
(3) Attitudes are either positive or negative.  
(4) Attitudes give rise to emotional experience.
50. Meaningful Reception Learning was explained by
- (1) Bruner (2) Ausubel  
(3) Pavlov (4) Köhler
51. In which approach an attempt is made to classify personalities on the basis of set of characteristics ?
- (1) Dimensional Approach  
(2) Psycho-analytic Approach  
(3) Trait Approach  
(4) Type Approach

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**Space For Rough Work**

52. The appropriate tool to assess emotional problems of adults is

- |         |         |
|---------|---------|
| (1) RPM | (2) CAT |
| (3) TAT | (4) DAT |

53. Sociogram is

- (1) Diagrammatical representation of mutual social preferences in a group.
- (2) Study of social structure of a group.
- (3) Analysis of pattern of social relationships in a group.
- (4) Measurement of mutual social preferences.

54. Divergent Thinking Ability means

- (1) Thinking in different directions.
- (2) Changing thinking mode quickly.
- (3) Thinking in the same direction.
- (4) Thinking originally.

55. The Psychologist who has explained a Hierarchical Model of Human Needs was

- (1) Abraham Maslow
- (2) Erik Ericson
- (3) Sigmund Freud
- (4) Carl Rogers

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**Space For Rough Work**

3

56. Which of the following is not a characteristic of children's emotions ?
- (1) They change in their strength quickly.
  - (2) They appear frequently.
  - (3) They are intense.
  - (4) They stay for a long duration.
57. Hereditary Mechanism means
- (1) Transmission of culture to the next generation.
  - (2) Passing on acquired characteristics to the next generation.
  - (3) Passing on social characteristics to the off-spring.
  - (4) Transmission of characteristics to the off-spring biologically.
58. The psychologist who defined Psychology as the Science of Consciousness was
- |                     |                   |
|---------------------|-------------------|
| (1) Wolfgang Köhler | (2) J.B. Watson   |
| (3) B.F. Skinner    | (4) Wilhelm Wundt |
59. Stanford-Binet Intelligence Test is an example of
- (1) Group Test
  - (2) Non-Verbal Group Test
  - (3) Non-Verbal Test
  - (4) Verbal-Individual Test

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**Space For Rough Work**

60. The appropriate method to study the interaction among many variables or factors is \_\_\_\_\_ method.

- |                  |                  |
|------------------|------------------|
| (1) Field survey | (2) Observation  |
| (3) Case study   | (4) Experimental |

61. The tempo (speed) of physical development is fastest during \_\_\_\_\_ period.

- |               |                     |
|---------------|---------------------|
| (1) Pre-natal | (2) Adolescence     |
| (3) Infancy   | (4) Early Childhood |

62. "Intelligence is the global capacity of the individual to act purposefully, to think rationally and to deal effectively with his environment." This definition of intelligence is given by

- |              |               |
|--------------|---------------|
| (1) Wechler  | (2) Binet     |
| (3) Spearman | (4) Thurstone |

63. The comprehensive definition of learning is

- (1) Modification of behaviour as a result of maturation.
- (2) Modification of behaviour in desirable direction.
- (3) Modification of behaviour.
- (4) Modification of behaviour following upon and resulting from previous experience and training.

**Space For Rough Work**

Jan - 30

Feb - 28

Mar - 31

30

31

30

31

31

30

31

30

$$\frac{364}{7} = 52 = \underline{\underline{0}}$$

Sunday

64. The School of Psychology which gives importance to the study of deeper motivational forces of mind is known as \_\_\_\_\_ School.
- (1) Psycho-analytic
  - (2) Humanistic
  - (3) Behaviouristic
  - (4) Gestalt
65. The main aim of Socialization process is
- (1) to develop physical characteristics.
  - (2) to shape child's characteristics and behaviour through social training.
  - (3) to develop language.
  - (4) teaching emotional expression and control.
66. Ability to generate more ideas quickly in a specified time duration is known as
- |                 |                 |
|-----------------|-----------------|
| (1) Elaboration | (2) Flexibility |
| (3) Originality | (4) Fluency     |
67. Principle of Experimental Extinction is a principle of \_\_\_\_\_ learning.
- |                  |             |
|------------------|-------------|
| (1) Imitation    | (2) Social  |
| (3) Conditioning | (4) Insight |

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**Space For Rough Work**

68. Complete the following analogy :

$$\frac{2}{5} : \frac{27}{16} :: ? : \frac{64}{9}$$

(1)  $\frac{3}{4}$

(2)  $\frac{2}{3}$

(3)  $\frac{4}{3}$

(4)  $\frac{8}{3}$

69. Find the missing number in the following matrix :

8	8	20
10	9	23
12	11	?

(1) 25

(2) 24

(3) 28

(4) 26

In Column II the codes for the words in Column I are given. The codes are not in the same order as letters in the words. Find the codes for the words in Questions 70 and 71.

Col.-I (Words)	Col.-II (Codes)
1. ABLE	1. fmql
2. RAIL	2. qsmg
3. ROCK	3. vtkg
4. LOVE	4. qlxv

70. What is the code for the word ROLE ?

(1) gvql

(2) qlvg

(3) lqvg

(4) gqlv

Space For Rough Work

$$36 \times 6 \div 3 + 5 - 3 = 74$$

$$36 \times 2 + 5 - 3 = 74$$

$$77 \div 3 + 5 - 3 = 74$$

$$77 \div 3 = 74$$



71. Identify the code for the word REAL.

(1) g l m q

(2) q m l g

(3) l g q m

(4) l m q g

72. In the following question, the number of letters skipped in between adjacent letters in the series increases by one. Which of the following follows this rule ?

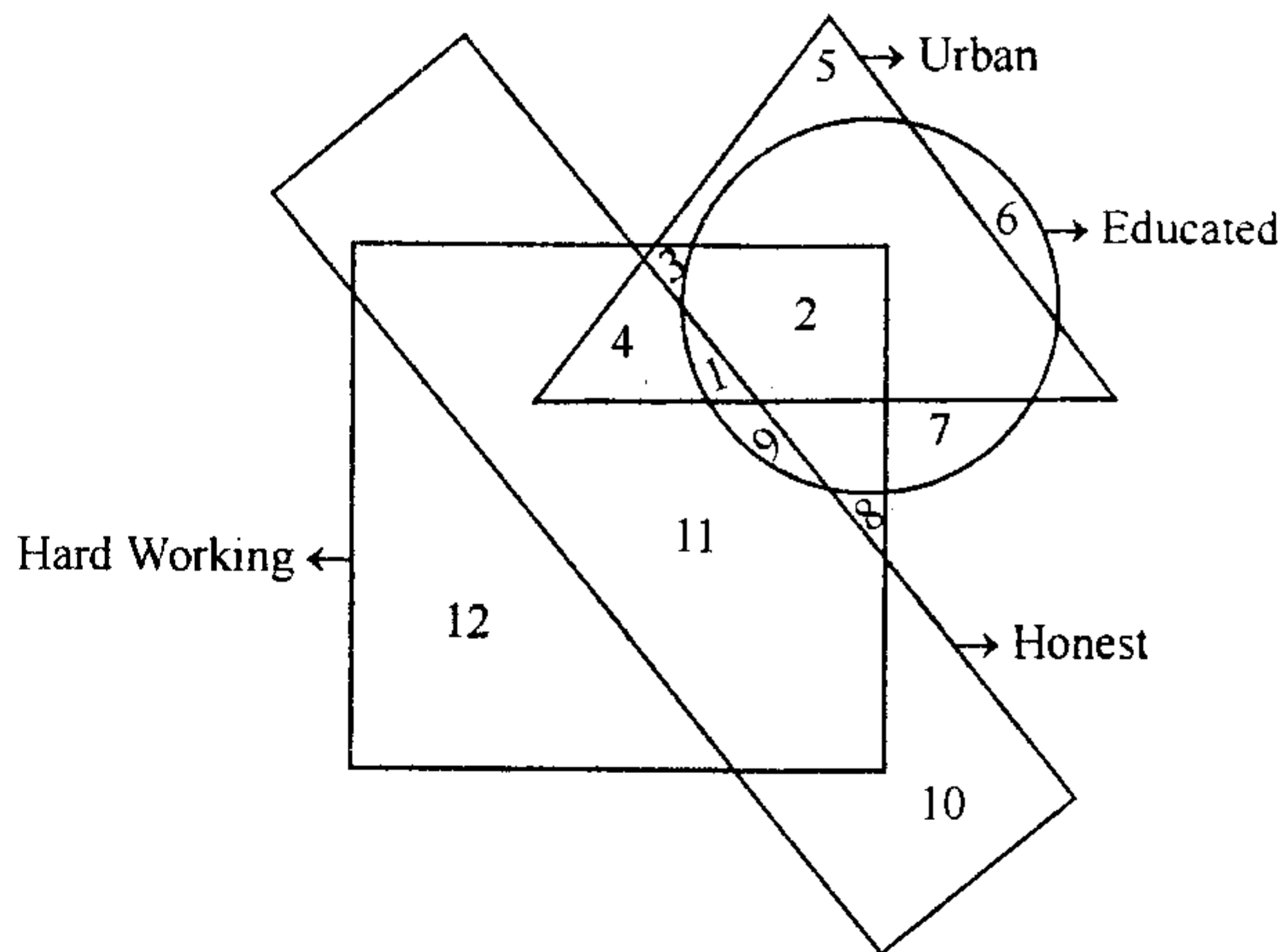
(1) W Y A C E G I

(2) V Y B E H K N

(3) P U Z E J O T

(4) U W Z D I O V

In the following intersecting spaces are numbered from 1 to 12. Study the figure carefully and answer Questions 73 and 74.



73. Which number space represents urban, hardworking, educated who are not honest ?

(1) 6

(2) 9

(3) 2

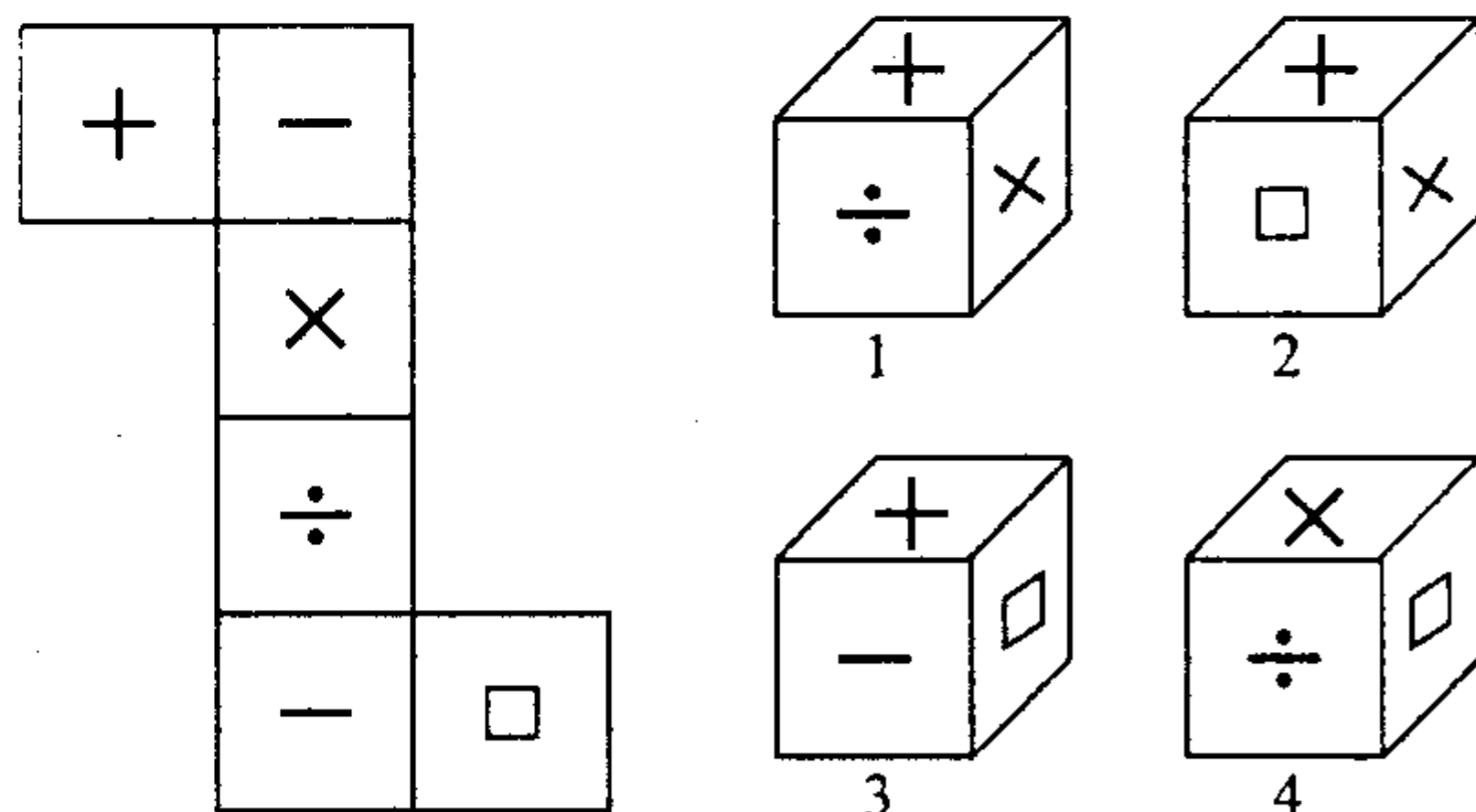
(4) 3

**Space For Rough Work**

74. Which number space represents Educated, Rural, Hardworking and Honest ?

- (1) 10 (2) 9  
(3) 12 (4) 11

75. The figure given below is folded so as to form a cube, which may look like any of the cubes marked 1, 2, 3 and 4. Which one of them is correct ?



- (1) 3 and 4 only (2) 2 only  
(3) 1 and 4 only (4) 1 only

76. If + stands for ÷, × stands for +, – stands for × and ÷ stands for –, then which one of the following equation is correct ?

- (1)  $36 + 6 - 3 \times 5 \div 3 = 24$   
(2)  $36 - 6 + 3 \times 5 \div 3 = 74$   
(3)  $36 \times 6 + 7 \div 2 - 6 = 20$   
(4)  $36 \div 6 + 3 \times 5 - 3 = 45$

77. In a code language BIOLOGY is written as OVBYBTL, then in the same code PHYSICS can be written as

- (1) DULFVPE (2) CULEUQF  
(3) CULEVPE (4) CULFVPF

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**Space For Rough Work**

78. Find the number which does not belong to the group.

(1) 125

(2) 27

(3) 512

(4) 343

79. A father's age is four times as much as the sum of the ages of his three sons. Eight years hence his age will be double the sum of the ages, the age of the father is

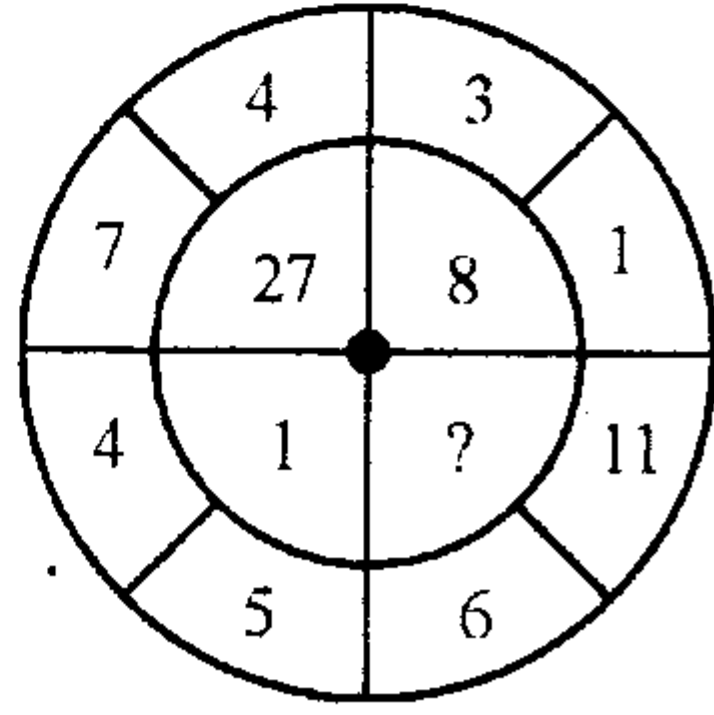
(1) 80 years

(2) 84 years

(3) 72 years

(4) 76 years

80. Find the missing number in the given figure :



(1) 64

(2) 25

(3) 225

(4) 125

Questions 81 and 82 are based on the information given below :

1. A studies History, Kannada and Biology.
2. B and C study Economics and Sociology.
3. D and A study Zoology and Sanskrit.
4. E and B study Hindi and Kannada.

81. Who among the following students study the maximum number of subjects ?

(1) B

(2) A

(3) E

(4) D

**Space For Rough Work**

82. Among the following who studies Hindi and Kannada only ?

(1) C

(2) B

(3) E

(4) D

83. If  $E = 7$ ,  $HARD = 39$ , then what will be the value of  $SOFT$  ?

(1) 64

(2) 60

(3) 70

(4) 68

84. Which set of signs should replace the asterisks (\*) sequentially in order to make the equation mathematically meaningful ?

$$14 * 7 * 9 * 112 * 5$$

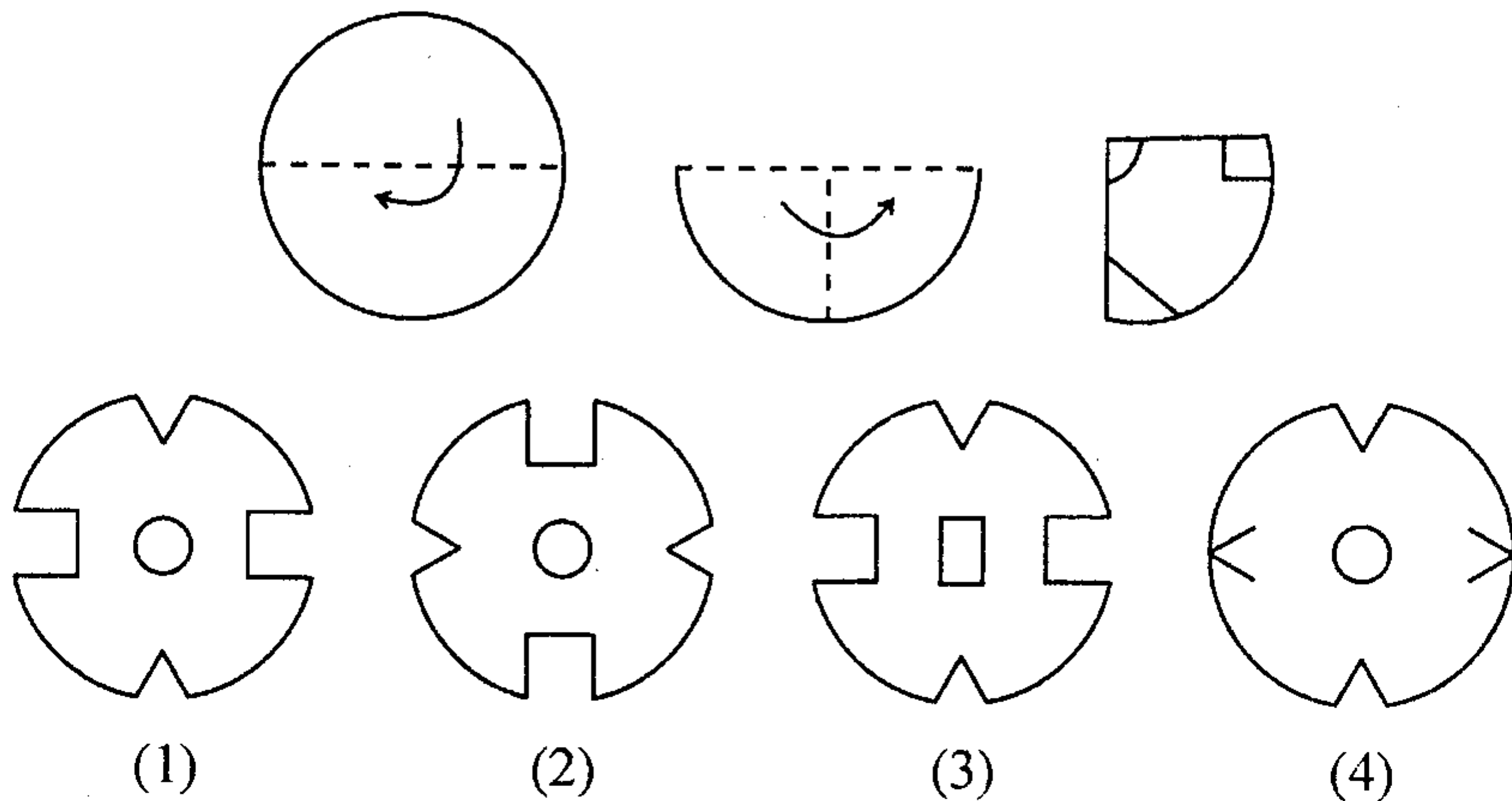
(1)  $\times, +, =, -$

(2)  $\div, =, +, \times$

(3)  $\times, -, =, +$

(4)  $\div, +, =, \times$

85. A circular paper has been folded as shown with the dotted lines in the following figure. The last figure shows how the paper has been cut. How would the paper look like when fully unfolded ?



Space For Rough Work

86. Find the missing number in the following series :

1, 2, 3, 5, 8, 13, ?

(1) 21

(2) 23

(3) 18

(4) 20

87. In a code language HOUSE is written as IMXOJ, then in the same code SHELF can be written as

(1) FTTHI

(2) SELLK

(3) TFHKK

(4) TELLM

88. If the first day of the year (other than leap year) was Sunday, then which will be the last day of that year ?

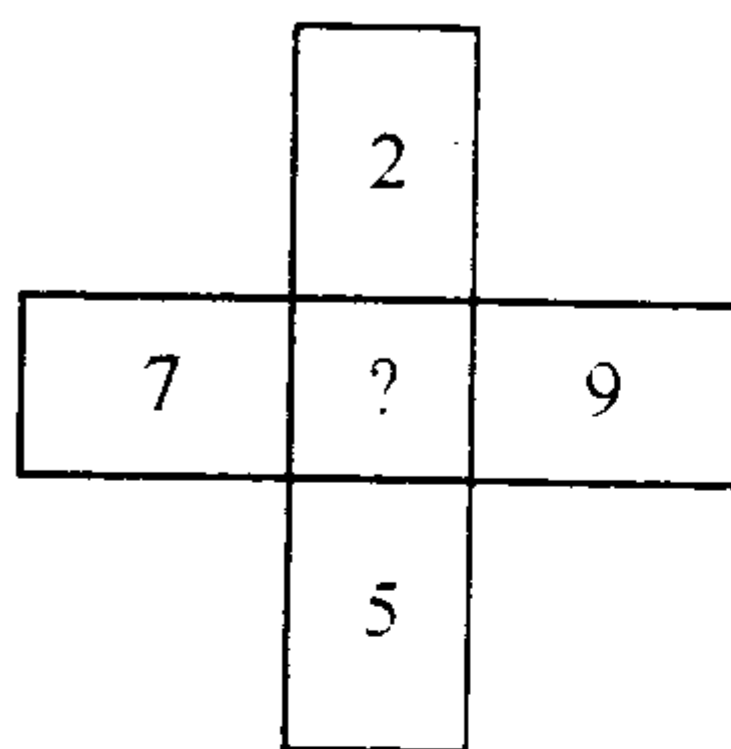
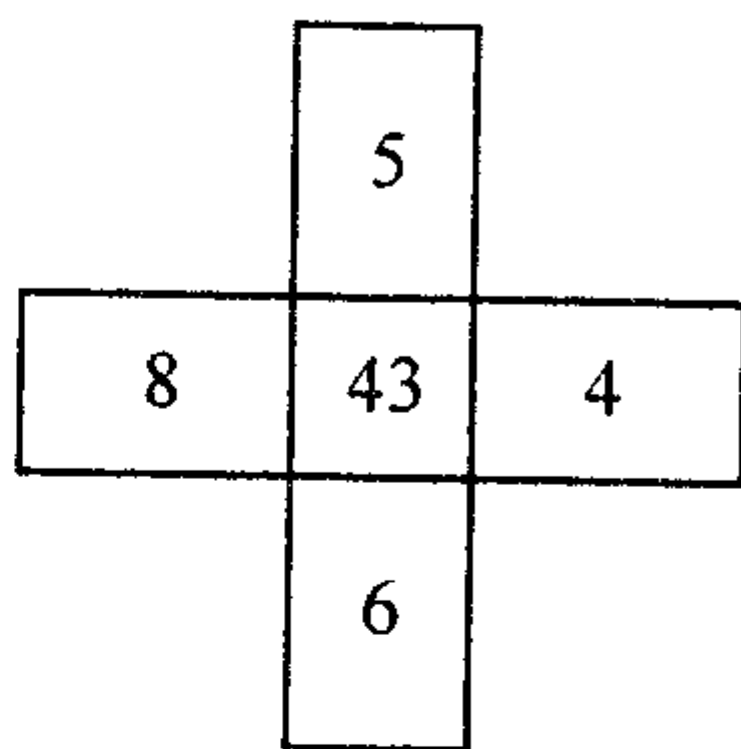
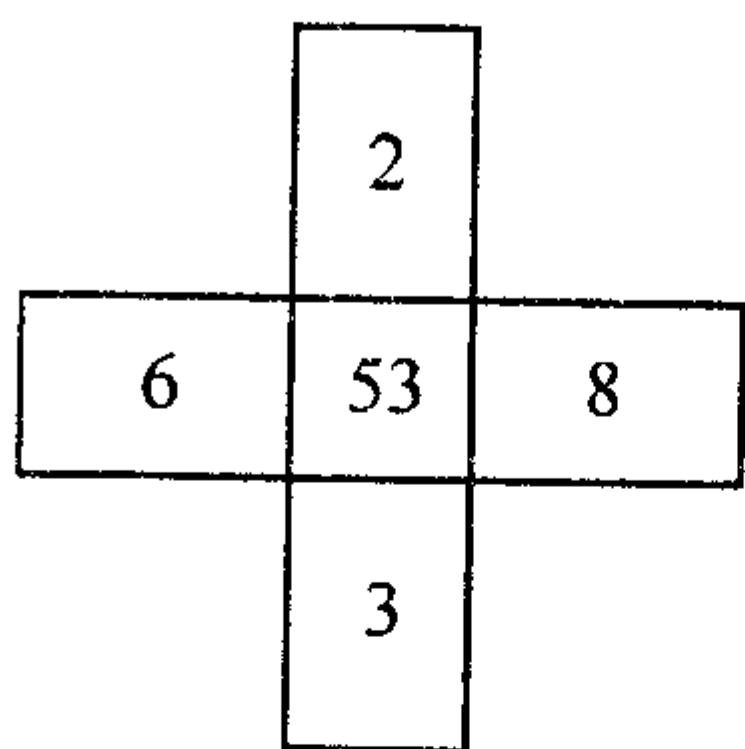
(1) Monday

(2) Sunday

(3) Friday

(4) Wednesday

89. Find the missing number in the given figure :



(1) 70

(2) 76

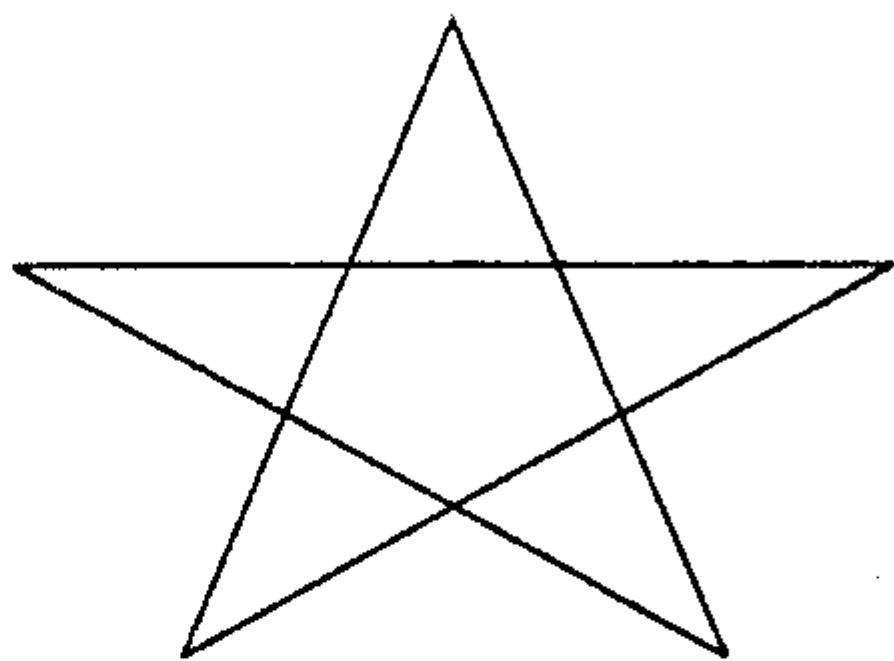
(3) 33

(4) 58

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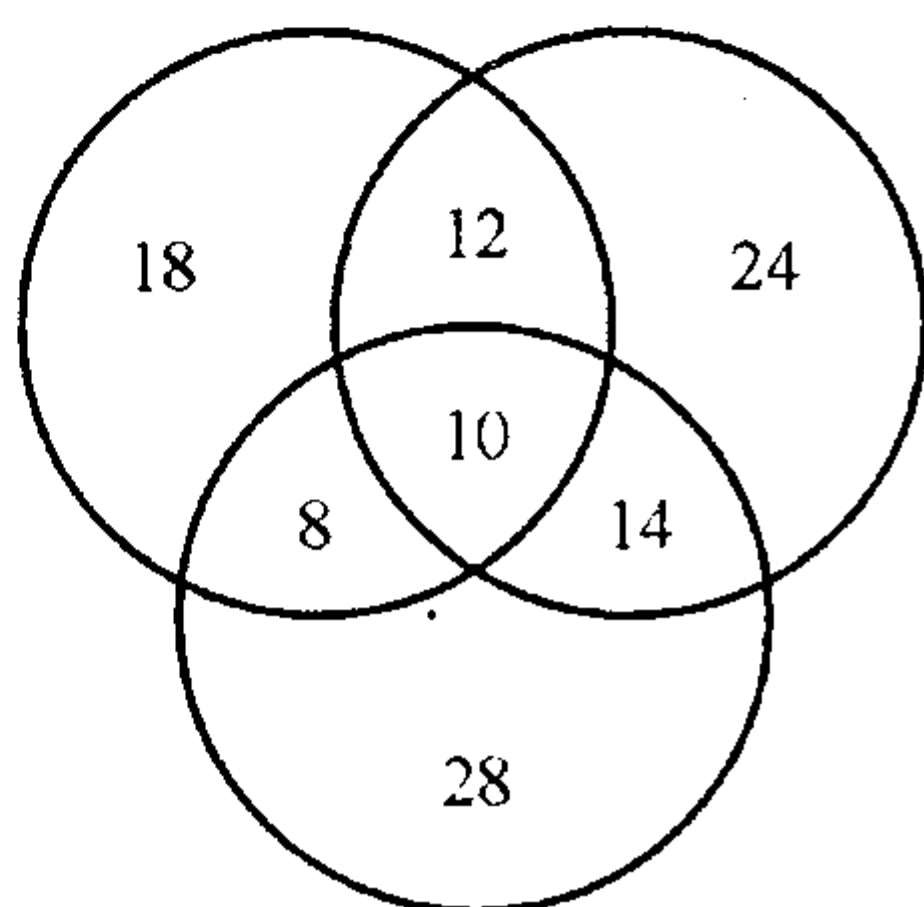
Space For Rough Work

90. How many triangles are there in the following figure ?



- |       |        |
|-------|--------|
| (1) 8 | (2) 10 |
| (3) 5 | (4) 6  |

91. The numbers in different sub-sections of the following diagram represent the number of students playing different games. How many students play any two games ?



- |        |        |
|--------|--------|
| (1) 32 | (2) 26 |
| (3) 54 | (4) 34 |

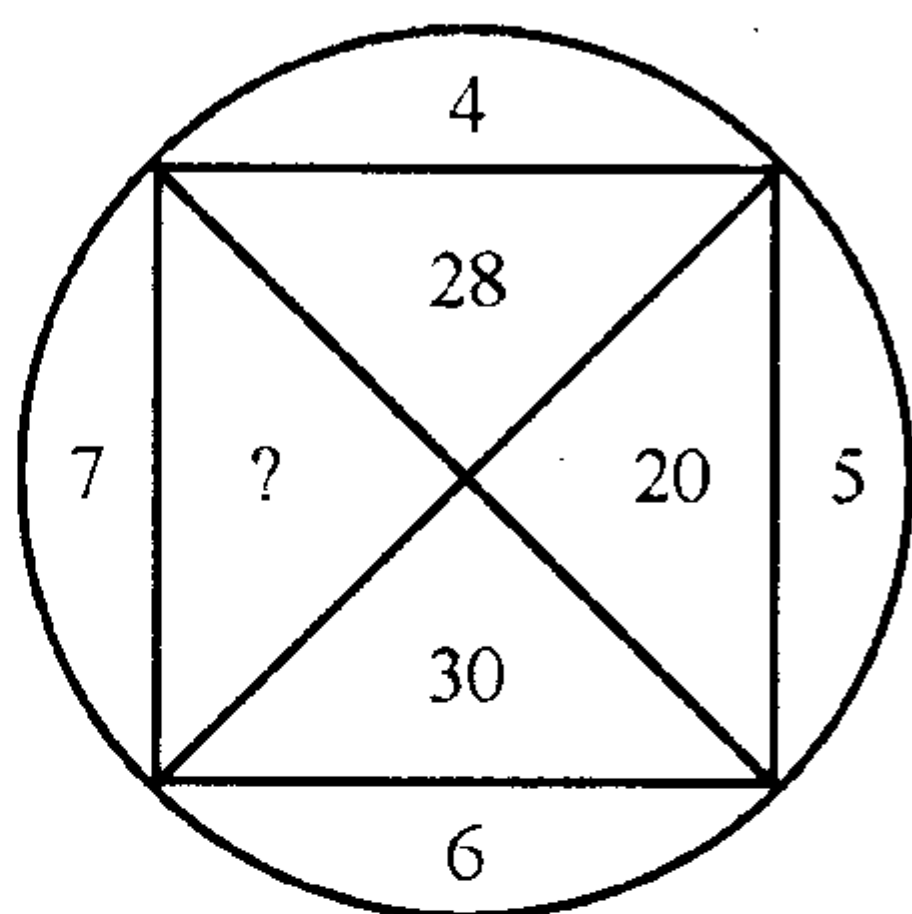
92. If the code for EXAMINATIONS is 123456375869, then the code for MAXIMISATION is

- (1) 432545937586  
 (2) 453239546857  
 (3) 423454973856  
 (4) 345254395768

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**Space For Rough Work**

93. Find the missing term in the figure given below :



- (1) 36 (2) 32  
(3) 42 (4) 40

94. One cluster of letters does not belong to the group. Find the one that is different from others.

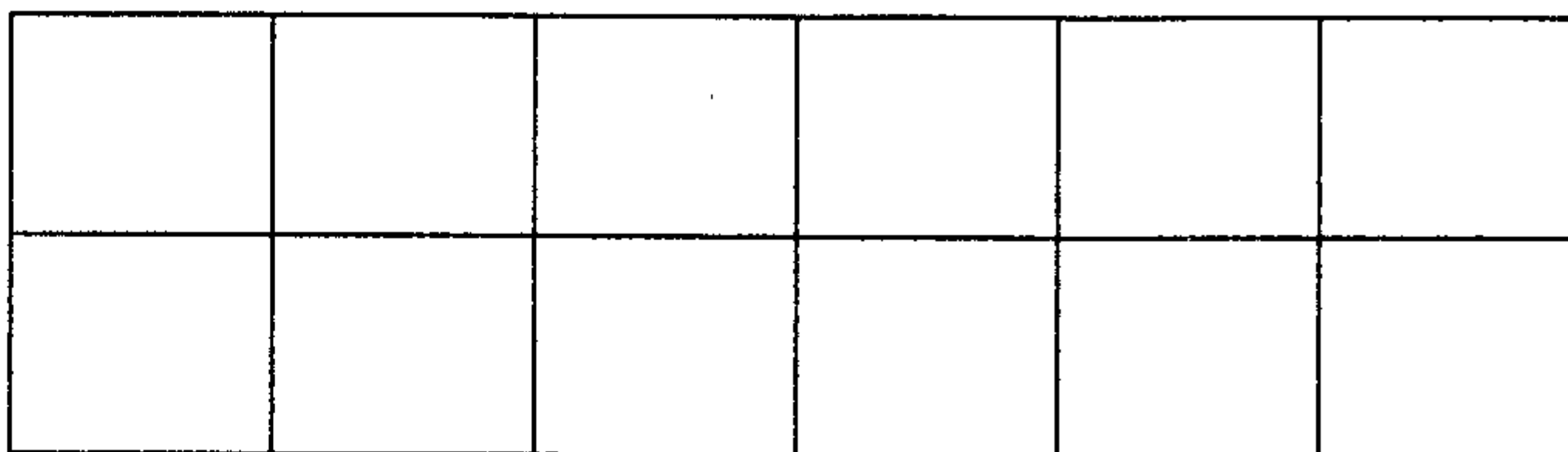
- (1) JFBHD (2) BWSYU  
(3) IEAGC (4) SOKQM

95. If A means +, B means -, C means  $\div$  and D means  $\times$ , then find the value of

$$18 A 12 C 6 D 2 B 5$$

- (1) 25 (2) 27  
(3) 17 (4) 20

96. How many squares are there in the given figure ?



- (1) 17 (2) 20  
(3) 12 (4) 14

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**Space For Rough Work**

97. A and B are brothers. C is the sister of A while D is the brother of E. E is the daughter of B. If F is the father of A, who is the uncle of D ?

- (1) B (2) A  
(3) F (4) E

98. The following question is based on the letter-number sequence given below. Find the one which comes next :

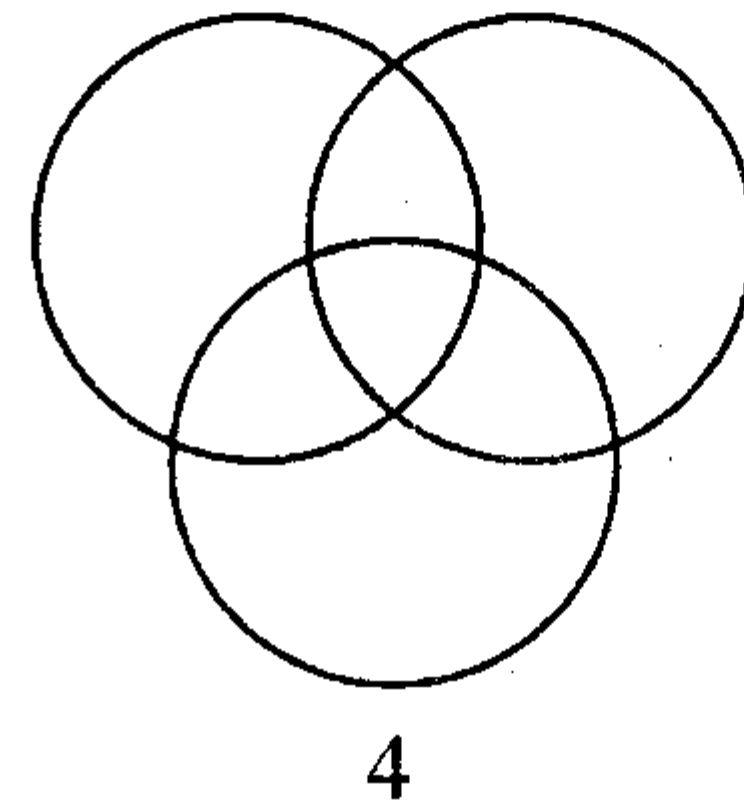
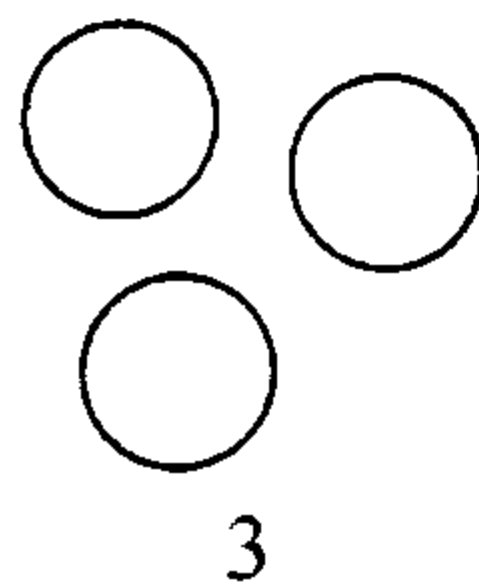
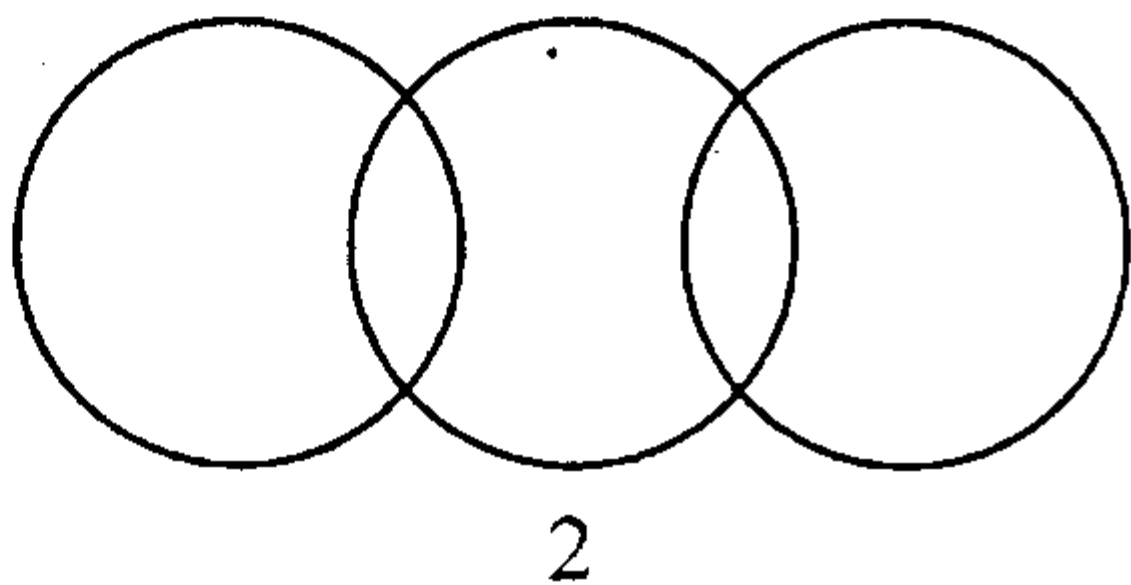
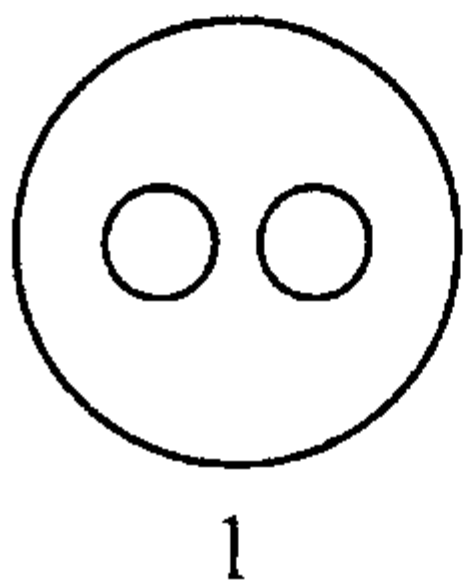
B 3 K G 5 P D 7 9 E 6 J

I M T 6 Z H Q 8 W 2 A

3 G P, D 9 6, J M 6, ?

- (1) 6 H 8 (2) T Z Q  
(3) Z H W (4) Z Q W

Questions 99 and 100 are based on the Venn diagrams.



99. Which Venn diagram represents, Film Stars, Beauty Queens and Dancers ?

- (1) 2 (2) 1  
(3) 4 (4) 3

100. Which Venn diagram represents Men, Women and Literates ?

- (1) 3 (2) 4  
(3) 1 (4) 2

Space For Rough Work



	13	16	14	17	15
1	2	3	4	5	6
7	8	9	10	11	12