

## Ch 4 ODD ONE OUT

### ANSWERS AND EXPLANATIONS

#### EXERCISE 1

1. (c) All except Explosion are natural calamities.
  2. (b) All except litre are units or measurement of the mass of a body.
  3. (c) BAT, RAT, FAT – all are nouns while EAT is a verb
  4. (c)
 

FIWE	→	WIFE
FLAMEE	→	FEMALE
<u>BUSHDNA</u>	→	<u>HUSBAND</u>
OMAWN	→	WOMAN
  5. (b)
 

NITK	→	KNIT
<u>TIK</u>	→	<u>KIT</u>
TIH	→	HIT
ITS	→	SIT
  6. (c) All except Earth denote Roman or Greek Gods and Goddesses.
  7. (c) All except Acre are units of measuring distance, while acre is a unit of area.
  8. (c) All except Baroda are famous for coal fields.
  9. (c) All except Astrology are concerned with biology.
  10. (d) All except Beethoven were scientists, while Beethoven was a musician.
  11. (c) All the rest are the countries of Asia.
  12. (d) All the others are planets.
  13. (a) In other pairs only one vowel is used
  14. (b) All except Lotus grows on land while lotus grows in water.
  15. (a) Except USTO, all others have at least one letter repeated.
  16. (a) All other groups begin with a vowel.
  17. (c) All the other items are lighter than water, while stone is heavier.
  18. (d) In each other groups, the first letter is four letters ahead the second letter and the third letter is three letters ahead the first letter.
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19. (b) All other groups contain three consecutive letters of the alphabet.
  20. (a) In each other group, the third letter is four letters ahead the first letter and the second letter is three letters ahead the third letter.
  21. (d) In all the rest numbers, the third digit is the product of first and second digit.
  22. (c) Except 'Brinjal' all the rest are the names of fruits, while 'Brinjal' is the name of a vegetable.
  23. (b) This is the only group containing two vowels.
  24. (d)
 
$$(3)^3 + 1 = 28,$$

$$(4)^3 + 1 = 65,$$

$$(5)^3 + 1 = 126,$$

$$6^3 + 1 \neq 215.$$
  25. (b) In all the rest pairs, the difference is divisible by 3.
  26. (d) In all the rest terms, between two consecutive letters 0, 1, 2, and 3 letters are missing respectively.
  27. (d) All the rest grow underground.
  28. (c) In all other groups, the first letter occupies the same position from A onward as the second letter occupies from Z backward e.g., K is the eleventh letter from the beginning and P is the eleventh letter from the end of the alphabet.
  29. (d) All except Oasis are features related to sea while Oasis is related to desert.
  30. (c) In all the rest groups the letters are in alphabetic order.
  31. (b) All the rest are languages.
  32. (d) In all other groups, the first two letters are consecutive and third letter is 2 letters ahead of



- the second.
33. (b) In all other numbers, the sum of the digits is 17.
34. (b) In all the rest groups there is no common factor of the two numbers.
35. (b) All except Diagonal are terms associated with circle.
36. (d) All except Whale lay eggs.
37. (d) All except Banana are juicy fruits
38. (c) All except Iodine are gases, while Iodine is a liquid
39. (c) All except Fox belong to the cat family.
40. (b) All except Calculator come under the category of writing material.
41. (a) All others are parts of a tree.
42. (d) All the rest are units of time.
43. (d) In all other groups, the third and second letters are 3 steps ahead of the first and third letters respectively.
44. (a) In all other pairs, one number is the square of the other.
45. (c) All except Trypsin are chemical names of vitamins, while trypsin is an enzyme.
46. (d) 83 is the only prime number in the group.
47. (c) All except Bridge are used for up and down movement.
49. (d) All except Barber require raw material to work.
50. (c) All except Eagle are flightless birds.
51. (d) In all other groups, the first and second letters are moved 4 steps backward to obtain second and third letters respectively.
52. (c) In all other groups, the first number is obtained by adding 2 to the product of the second and the third numbers.
53. (d) In all other pairs, first is used to hold the second.
54. (c) In all other pairs, first is the study of second.
55. (d) In all other pairs, second is a part of the first.
56. (b) In all other pairs, second is the result of the first.
57. (b) The words in all other pairs are synonyms.
58. (c)  $(9 - 7)^2 = 4$ ,  $(13 - 7)^2 = 36$ ,  $(11 - 7)^2 = 16$ ,  
but  $(9 - 5)^2 \neq 25$ .
89. (d) The difference in all the other cases is 12.
60. (c) The product in all other cases is 96.
61. (d) The first two are to be added and the third is to be subtracted to give a constant no. 6 viz.  $5 + 4 - 3 = 6$ ,  
 $8 + 3 - 5 = 6$ , etc. but  $6 + 5 - 4 \neq 6$
62. (c) It does not have '4' in the middle.
62. (b) The total no. of digits is seven, others are six.
63. (c) It is the set of all prime numbers.
64. (d) The sum is not divisible, like other sets.
65. (b) The sum of all numbers in each set is 100 except (b)  $\neq 100$ .

## EXERCISE 2

1. (a) All others are spices except salt.
2. (d) All others are solid whereas chlorine is a gas
3. (e) All others are divisible by 7 where as 65 is not divisible by 7.
4. (b) All others are not a cube number but 27 is a cube number.
5. (e) All other numbers are multiple of 4 except 82.
6. (e) All other are furnitures except computer. computer is an electronic device.
7. (a) All other numbers are prime numbers except 119.
8. (c)
9. (d) All others are the name of colour in reverse order.  
NEERG  $\rightarrow$  GREEN  
DER  $\rightarrow$  RED  
KNIP  $\rightarrow$  PINK  
EULB  $\rightarrow$  BLUE
10. (c) All others are colours of rainbow except green.
11. (b) All others are youngones of animals except goat.
12. (b) All other are used to collect water except tap.
13. (a) All others are memmals except bat.
14. (c) All others are natural except dam.
15. (e) Only lotus grows in water.
16. (c) All others are the part of classroom.
17. (a) All other months have 31 days except June.
18. (c) All other numbers are the square of other number except 8.



19. (e) All other numbers are the couples of wife and husband except niece.
20. (e)  $F \xrightarrow{+2} H; K \xrightarrow{+2} M; P \xrightarrow{+2} R;$   
 $C \xrightarrow{+2} E; J \xrightarrow{+3} M$
21. (e) All other numbers are prime numbers except 27.
22. (e) All others show the relations.
23. (e) All other numbers are prime numbers except 9 while 9 is a composite number
24. (e) Frock, Skirt, Trousers, Shirt are readymade which prepare from cloth.
25. (e) Picture, Painting, Sketch, Drawing are needed paint.
26. (d)  $\begin{array}{cccc} \text{U} & \text{X} & \text{B} & \text{E} \\ \downarrow & \uparrow & \downarrow & \uparrow \\ & +3 & & +3 \end{array}$ ,  $\begin{array}{ccc} \text{G} & \text{J} & \\ \downarrow & \uparrow & \\ & +3 & \end{array}$ ,  $\begin{array}{cc} \text{K} & \text{O} \\ \downarrow & \uparrow \\ & +4 \end{array}$
27. (e)  $48 = (7)^2 - 1$ ,  $15 = (4)^2 - 1$   
 $24 = (5)^2 - 1$ ,  $35 = (6)^2 - 1$   
 But,  $65 = (8)^2 + 1$
28. (e) All others grow under earth whereas cabbage grows on the earth.
29. (a) All others are months of 31 days whereas in June there are 30 days.
30. (c) All others are used to make building.
31. (c) All others are out-door games but chess is an indoor-game.
32. (d) All others are pet animals.
33. (c) All others are parts of a language.
34. (a) All others are prepared by baking.
35. (e) All others are not divisible by 3 whereas 345 is divisible by 3.
36. (c) In all others first letter is two places before the second letter in the alphabet whereas in choice (c) the first letter is four places after the second letter in the alphabet.
37. (e) All others are metals whereas diamond is a non-metal.
38. (e)  $M \Rightarrow 13; S \Rightarrow 19; Q \Rightarrow 17; U \Rightarrow 21; D \Rightarrow 4$   
 D is at even place in english alphabet.
39. (e)  $N \xrightarrow{+2} P \xrightarrow{+1} Q$   
 $H \xrightarrow{+2} J \xrightarrow{+1} K$   
 $T \xrightarrow{+2} V \xrightarrow{+1} W$   
 $C \xrightarrow{+2} E \xrightarrow{+1} F$   
 $L \xrightarrow{+1} M \xrightarrow{+2} O$
40. (d) One letter is skipped between first two letters except ABCD.
41. (d) (a) Summer (b) Winter (c) Spring and (e) Rainy are the name of seasons.
42. (b) All others can fly in sky except insects.
43. (c) Others denote mathematical operation.

