



Answer Sheet

Paper Name: VR-Mixed-Set5

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Full Name:



**YOU MUST ANSWER ON THIS SHEET. TAKE A PICTURE USING THE EXAM HAPPY APP
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How to answer:



A



B



C



D



E

How not to answer:



A



B



C



D



E

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01	A	B	C	D	E
02	A	B	C	D	E
03	A	B	C	D	E
04	A	B	C	D	E
05	A	B	C	D	E
06	A	B	C	D	E
07	A	B	C	D	E
08	A	B	C	D	E
09	A	B	C	D	E
10	A	B	C	D	E
11	A	B	C	D	E
12	A	B	C	D	E
13	A	B	C	D	E
14	A	B	C	D	E
15	A	B	C	D	E
16	A	B	C	D	E
17	A	B	C	D	E
18	A	B	C	D	E
19	A	B	C	D	E
20	A	B	C	D	E
21	A	B	C	D	E
22	A	B	C	D	E
23	A	B	C	D	E
24	A	B	C	D	E
25	A	B	C	D	E

26	A	B	C	D	E
27	A	B	C	D	E
28	A	B	C	D	E
29	A	B	C	D	E
30	A	B	C	D	E
31	A	B	C	D	E
32	A	B	C	D	E
33	A	B	C	D	E
34	A	B	C	D	E
35	A	B	C	D	E
36	A	B	C	D	E
37	A	B	C	D	E
38	A	B	C	D	E
39	A	B	C	D	E
40	A	B	C	D	E
41	A	B	C	D	E
42	A	B	C	D	E
43	A	B	C	D	E
44	A	B	C	D	E
45	A	B	C	D	E
46	A	B	C	D	E
47	A	B	C	D	E
48	A	B	C	D	E
49	A	B	C	D	E
50	A	B	C	D	E

*Look at the three pairs of words. Complete the third pair of words in the **same way** as the other two pairs.*

Example (breech beer) (steals seat) (breath ?)

A bear **B** bare **C** brat **D** hear **E** hare

Answer A (the second word can be made from letters 1, 3, 4, 2 from the first)

1. (remedy deem) (celery reel) (gamers ?)

A rage **B** ream **C** gear **D** sage **E** seam

2. (hamper ramp) (canter rant) (rolled ?)

A doll **B** dole **C** rode **D** lore **E** role

3. (sprout pour) (abroad boar) (threat ?)

A hear **B** hate **C** hare **D** tear **E** rate

4. (describe bed) (envelope pee) (language [?])

A gel **B** leg **C** jet **D** lug **E** egg

5. (bathroom math) (wasteful last) (portrait [?])

A port **B** tort **C** tire **D** roti **E** rate

6. (surface race) (setback tack) (despite [?])

A seed **B** seep **C** site **D** step **E** tase

7. (sworn worn) (beach each) (stone [?])

A tone **B** ones **C** sons **D** nose **E** note

8. (pleads pads) (trains tins) (brains ?)

A bars **B** bans **C** ribs **D** bins **E** nabs

9. (complex comp) (feature feat) (central [?])

A cent **B** cane **C** tale **D** race **E** lace

10. (pallet pet) (mallet met) (billet ?)

A bit **B** bet **C** let **D** bit **E** lit

Read the text carefully and answer the question below.

Example Jeetan is five years older than Harriet. Dimitri is two years older than Joe. Harriet is three years older than Dimitri. Which of these statements is true?

- A Jeetan is the youngest.
- B Harriet is the oldest.
- C Dimitri is the oldest.
- D Jeetan is eight years older than Dimitri.
- E Harriet is two years younger than Joe.

Answer D (Harriet is three years older than Dimitri, and Jeetan is five years older than Harriet, so Jeetan is eight years older than Dimitri)

- 11.** Five footballers scored goals for their team during the school term. The most amount someone scored was thirteen more than the fewest. Jordan, who was not the top scorer, scored three times as many as Gareth, who scored two more than Marcus. Harry scored twice as many as Marcus. Raheem scored one more than Jordan. Sixteen was the highest individual total and three the lowest.

How many goals did Harry score?

- A 14 B 6 C 8 D 10 E 12

- 12.** Anjali, Ben, Carol, Delilah, and Ed like listening to different genres of music.
Anjali and Carol like Folk music, but Delilah and Ed like Jazz music
Ben only likes Pop and Classical music
Everyone who doesn't like Folk music or Pop music like Rock music
Anjali likes listening to Rock with Delilah, and Carol likes listening to classical music with Ed.

Who likes the most genres of music?

- A Anjali B Ben C Carol D Delilah E Ed

- 13.** Five friends are in a large queue for the match.
Liam is the closest to the front.
Paul is 17 places ahead of Lorraine who is at position 33 in the queue.
Lorraine is 23 places behind Chrissie.
Chrissie is 12 places ahead of Jim.
There are 31 places between the five friends.

What position is Liam in the queue?

- A Second
- B Third
- C Fourth
- D Fifth
- E Sixth

- 14.** Five people have saved £8,750 between them. Carl had saved the least at £750. Winston had saved twice as much as Kelvin. Sharon had saved £1,500 more than Lewis, £1,000 more than Kelvin but £500 less than Winston. Lewis had saved £250 more than Carl.

How much had Winston saved?

- A £3,000
- B £2,500
- C £5,000
- D £3,500
- E £4,000

- 15.** Six children are comparing what day their birthday falls on this year. Harry's birthday is three days before Asif's, which falls at the weekend. Jack's birthday is the only one that falls on a Tuesday. Winston's birthday is two days after Mo's. No-one's birthday falls on a Monday or Saturday and only Sarah's and Winston's birthdays fall on the same day.

Which of these statements is true?

- A** Sarah's birthday falls on a Monday.
- B** Mo's birthday falls on a Thursday.
- C** Mo's birthday does not fall on a Thursday.
- D** Harry's birthday falls on a Wednesday.
- E** Asif's birthday falls on a Thursday.

- 16.** At the eSports convention, there are five teams of two players each. They all played a tournament in Football, Adventure and Strategy. There was twenty points if a team won, five points for second and one point for third. Different teams won each tournament. Team 1 only managed a third in Strategy, Team 2 managed a win and a second, Team 3 won Strategy and also got a third, Team 4 won Adventure and also got a second in Football and a third and Team 5 managed a second in Adventure and a third in Football.

Which of these statements is true?

- A** Team 2 came second in Adventure.
- B** Team 2 came third in Adventure.
- C** Team 2 came second in Strategy.
- D** Team 3 came second in Adventure.
- E** Team 3 came second in Football.

- 17.** Five people took part in the tower building contest.
The highest tower was 192cm and the shortest tower was 160cm.
Paula's tower was 5cm taller than Colin's.
Guy's tower was 6cm shorter than Sali's, which was 19cm taller than Paula's.
Jules' was 27cm taller than Paula's.

Which of these statements is true?

- A Sali's tower was 184cm.
- B Sali's tower was 190cm.
- C Guy's tower was 174cm.
- D Guy's tower was 180cm.
- E Guy's tower was 179cm.

- 18.** Samit, John, Chris, Virat and Mo are throwing a ball at a target with the numbers 1 to 10 on it.
Everyone scores a number, and nobody scores the same number as anyone else.
Samit and John are the only ones to score even numbers and Samit scored four more than John.
Mo scored six more than Chris but did not top score. Virat scored seven.
No-one scored less than three.

Which of these statements is true?

- A Samit scored 10.
- B Samit scored 6.
- C Mo scored 3.
- D John scored 4.
- E Samit scored 8.

- 19.** Seventy people were asked if they had ever visited France, Italy or Germany.
Thirty-one had visited France, thirty-six had visited Italy and sixteen had visited Germany.
Nine had visited none of the countries. Four had visited all of the countries. Three had visited France and Germany only. Eight had visited France and Italy only. Three had visited Italy and Germany only.

Which of these statements is true?

- A 6 people had visited Germany only.
- B 12 people had visited France only.
- C 20 people had visited France only.
- D 9 people had visited Germany only.
- E 19 people had visited Italy only.

- 20.** Five teachers take five different subjects between them.
Mr Arty takes Maths and Geography only.
Mrs Partella takes German, French and English only.
Mr Bazardi takes two of the subjects, two of which are the same as Mrs Raku's three subjects.
Mr Havens only teaches the three languages.
Only two of the teachers take German, only two take French and only two take Geography.

Which of these statements is true?

- A Mr Bazardi prefers teaching English over Geography
- B Mrs Partella teaches German and Geography only
- C Mrs Raku teaches German, Maths and Geography only
- D Mr Arty does not like teaching Maths
- E Mr Bazardi teaches English and Maths only

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

*For each of the following questions, decode the code by working out the pattern.
The alphabet has been provided above to help you.*

Example If the code for **TOY** is **UPZ**, what does **SBJO** mean?

A RIOT **B** PAIN **C** RAIN **D** PAID **E** QUIZ

Answer **RAIN** (for each letter of the code, go back one letter in the alphabet)

21. If the code for **AWAY** is **DZDB**, what is the code for **FROM**?

A IULO **B** COLJ **C** CURJ **D** IURO **E** IURP

22. If the code for **FADE** is **GCEG**, what does **XQSM** mean?

A WALL **B** WORK **C** WORM **D** FORK **E** DORM

23. If the code for **SMILE** is **RKFHZ**, what is the code for **APRON**?

A ANOLI **B** ZNOKI **C** ZONKI **D** ZNRKI **E** COVLT

24. If the code for **CHAIR** is **XSZRI**, what does **GZYOV** mean?

A BAKER **B** LABEL **C** TABOO **D** TABLE **E** LOOSE

25. If the code for **GAFFE** is **FBEGD**, what is the code for **BEAM**?

A ADCO **B** AFZN **C** BGAO **D** ZEYM **E** CFBN

*For the following questions, find **one word** from each group which are **closest in meaning**. Mark the correct option on your answer sheet.*

Example (chew sweet hungry) (food bite digest)

- A chew, food
- B hungry, digest
- C hungry, food
- D chew, bite
- E sweet, food

Answer chew, bite

26. Imitate

- A Improve
- B Migrate
- C Imagine
- D Mimic
- E Grasp

27. (knife bowl dinner) (dish cutlery food)

- A dinner, food
- B knife, cutlery
- C bowl, cutlery
- D dinner, dish
- E bowl, dish

28. Insolent

- A Classy
- B Disrespectful
- C Variable
- D Coherent
- E Genuine

29. (float vast second) (immerse immense minute)

- A float, immerse
- B vast, immense
- C vast, immerse
- D float, immense
- E second, minute

30. (round certainty estimate) (guess approximately numerical)

- A estimate, approximately
- B certainty, guess
- C round, numerical
- D certainty, approximately
- E estimate, guess

*Examine the two pairs of words in the brackets. Of the five options, **find the one word goes equally well with both pairs of words.***

Example (excellent great) (fee charge)

- A penance
- B penalty
- C prime
- D fine
- E supreme

Answer **fine** (fine has two meanings: i. good-quality ii. a fee to pay)

31. (tin container) (conceivable credible)

- A can
- B dish
- C glass
- D appropriate
- E flask

32. (emperor king) (protractor compass)

- A pencil
- B ruler
- C chief
- D dictator
- E eraser

- 33.** (earth gravel) (sway swing)
- A slab
 - B roll
 - C wobble
 - D boulder
 - E rock
- 34.** (drill puncture) (stupefy exhaust)
- A point
 - B pop
 - C trap
 - D bore
 - E driver
- 35.** (basket picnic) (hinder impede)
- A trouble
 - B hamper
 - C case
 - D box
 - E prevent

*Each sentence has two words that have been **scrambled** and **a letter removed**.
Work out the anagrams and hence which letter has been removed.*

Example The **feh** was cooking in the **hitkne**.

A u

B n

C c

D t

E e

Answer **C** (chef, kitchen)

36. I played **tckcre** in the garden with my **sfredn**.

A w

B o

C r

D e

E i

37. He hid the **noja** inside the **darpuoc**.

A b

B a

C e

D d

E t

38. A prime **brumn** can only be divided by **slift** and one.

A e

B s

C a

D u

E g

39. The **hniocrosr** escaped from the **gac**.

A a

B e

C t

D u

E d

40. The **max** was **siera** than I thought it would be.

A e

B s

C o

D r

E t

*Complete the second group of words in brackets in the **same way** as the first.*

Example (tend [ends] show) (feat [?] scar)

A sear **B** eats **C** care **D** ears **E** care

Answer B (letters 2,3,4 of first word and letter 1 of second word).

41. (star [arty] tyre) (soon [?] tool)

A soot **B** loot **C** lots **D** tons **E** onto

42. (bare [crab] cabs) (flow [?] good)

A glow **B** food **C** golf **D** wood **E** flog

43. (task [cats] cars) (orbs [?] dump)

A dorm **B** drop **C** rump **D** room **E** pour

44. (there [earth] teals) (chunk [?] blues)

A hunch **B** clunk **C** lunch **D** shell **E** chess

45. (hurt [spur] spat) (date [?] then)

A teen **B** that **C** tend **D** neat **E** need

In this section, letters stand for numbers. Complete the sum to work out which letter is the correct answer.

Example $A = 5, B = 7, C = 6, D = 11, E = 12$. What is $A + C$?

A A

B B

C C

D D

E E

Answer **D** ($5 + 6 = 11$)

46. $A = 38, B = 2, C = 15, D = 34, E = 12$. What is $A \div B + C$?

A A

B B

C C

D D

E E

47. $A = 13, B = 15, C = 21, D = 12, E = 7$. What is $A + B - E$?

A A

B B

C C

D D

E E

48. $A = 8, B = 6, C = 7, D = 2, E = 16$,
calculate the following sum and then mark your answer as a letter.

$$E + B - C \times D = [?]$$

A A

B B

C C

D D

E E

49. If $A = 5, B = 8, C = 11, D = 13, E = 15$,
calculate the following sum and then mark your answer as a letter.

$$E \div A + B = [?]$$

A A

B B

C C

D D

E E

50. $A = 5, B = 7, C = -5, D = -3, E = 2$. What is $D + E \times A$?

A A

B B

C C

D D

E E