



Time allowed: 30 minutes • Total marks: 36 (1 mark per question)

- Circle the letter of the correct answer for each question.
- Each section starts with a short reminder of what to do.
- Work quickly but carefully. If a question is hard, move on and come back.
- The alphabet is printed here to help you: 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

Section A: Letter series

Work out how the pairs of letters change, then find the next pair.

- Find the next pair of letters in the series: BN, DP, FR, HT, ?
☐ A KV ☐ B JV ☐ C JW ☐ D IV ☐ E KW
- Find the next pair of letters in the series: VE, SH, PK, MN, ?
☐ A JQ ☐ B KQ ☐ C JR ☐ D IQ ☐ E KR
- Find the next pair of letters in the series: JR, MQ, PP, SO, ?
☐ A WN ☐ B VO ☐ C UN ☐ D WO ☐ E VN
- Find the next pair of letters in the series: EH, GK, IN, KQ, ?
☐ A NT ☐ B MU ☐ C MT ☐ D LT ☐ E NU
- Find the next pair of letters in the series: WM, UK, SI, QG, ?
☐ A PE ☐ B OF ☐ C NE ☐ D OE ☐ E PF
- Find the next pair of letters in the series: AT, FU, KV, PW, ?
☐ A UX ☐ B VX ☐ C UY ☐ D TX ☐ E VY

Section B: Letter codes

Every letter is moved the same number of places through the alphabet.

- In a secret code, SHIRT is written as UJKTV. How is SCARF written in the same code?
☐ A VFDUI ☐ B TDBSG ☐ C UECTH ☐ D WGEVJ ☐ E SCARF
- In a secret code, DRESS is written as GUHVV. How is CLOAK written in the same code?
☐ A GPSEO ☐ B ENQCM ☐ C HQTFP ☐ D DMPBL ☐ E FORDN
- In a secret code, HAT is written as LEX. What word does XMI stand for?
☐ A CAP ☐ B TIE ☐ C BOW ☐ D ZIP ☐ E HEM
- In a secret code, BOOTS is written as ZMMRQ. How is SOCKS written in the same code?
☐ A RNBJR ☐ B PLZHP ☐ C SOCKS ☐ D QMAIQ ☐ E OKYGO

11 In a secret code, GLOVE is written as LQTAJ. How is APRON written in the same code?

- ☐ A G VXUT ☐ B FUWTS ☐ C ETVSR ☐ D HWYVU ☐ E DSURQ

12 In a secret code, BELT is written as HKRZ. What word does BKYZ stand for?

- ☐ A VEST ☐ B COAT ☐ C SUIT ☐ D SASH ☐ E GOWN

Section C: Hidden words

A four letter word is hidden across two neighbouring words in each sentence.

13 A four letter word is hidden at the end of one word and the start of the next. Find it: *Wrap each ornament in soft paper.*

- ☐ A DRUM ☐ B BELL ☐ C PIPE ☐ D HORN ☐ E TUBA

14 A four letter word is hidden at the end of one word and the start of the next. Find it: *The dog ate his dinner fast.*

- ☐ A DOOR ☐ B PATH ☐ C GATE ☐ D WALL ☐ E LOCK

15 A four letter word is hidden at the end of one word and the start of the next. Find it: *The piano set the mood for the evening.*

- ☐ A EARS ☐ B CHIN ☐ C BROW ☐ D LIPS ☐ E NOSE

16 A four letter word is hidden at the end of one word and the start of the next. Find it: *Hide all the presents before six.*

- ☐ A SWAP ☐ B SALE ☐ C CARD ☐ D SHOP ☐ E DEAL

17 A four letter word is hidden at the end of one word and the start of the next. Find it: *The fabric hangs neatly from the rail.*

- ☐ A POOR ☐ B GOLD ☐ C COIN ☐ D RICH ☐ E SILK

18 A four letter word is hidden at the end of one word and the start of the next. Find it: *The hospital entrance was brightly lit.*

- ☐ A TALE ☐ B BOOK ☐ C MYTH ☐ D POEM ☐ E YARN

Section D: Closest in meaning

Choose the word closest in meaning to the word in *italics*.

19 Which word is closest in meaning to *ancient*?

- ☐ A modern ☐ B ruined ☐ C old ☐ D famous ☐ E sacred

20 Which word is closest in meaning to *collide*?

- ☐ A swerve ☐ B crash ☐ C brake ☐ D skid ☐ E race

21 Which word is closest in meaning to *generous*?

- ☐ A selfish ☐ B kind ☐ C wealthy ☐ D careful ☐ E proud

22 Which word is closest in meaning to *murmur*?

- ☐ A shout ☐ B sing ☐ C whisper ☐ D sigh ☐ E laugh

23 Which word is closest in meaning to *descend*?
☐ A climb ☐ B float ☐ C jump ☐ D slip ☐ E fall

24 Which word is closest in meaning to *genuine*?
☐ A fake ☐ B rare ☐ C new ☐ D real ☐ E plain

Section E: Odd one out

Four of the words go together. Find the one that does not belong.

25 Which word is the odd one out?
☐ A pillow ☐ B carrot ☐ C parsnip ☐ D turnip ☐ E beetroot

26 Which word is the odd one out?
☐ A anchor ☐ B violet ☐ C indigo ☐ D scarlet ☐ E amber

27 Which word is the odd one out?
☐ A stag ☐ B gutter ☐ C doe ☐ D fawn ☐ E hind

28 Which word is the odd one out?
☐ A chess ☐ B draughts ☐ C ludo ☐ D jogging ☐ E dominoes

29 Which word is the odd one out?
☐ A porridge ☐ B muesli ☐ C turret ☐ D toast ☐ E cereal

30 Which word is the odd one out?
☐ A author ☐ B poet ☐ C novelist ☐ D playwright ☐ E nephew

Section F: Number series

Work out the rule for the series, then find the next number.

31 Find the next number in the series: 3, 6, 12, 24, 48, ?
☐ A 96 ☐ B 94 ☐ C 95 ☐ D 97 ☐ E 98

32 Find the next number in the series: 400, 200, 100, 50, ?
☐ A 23 ☐ B 24 ☐ C 26 ☐ D 25 ☐ E 27

33 Find the next number in the series: 2, 4, 7, 11, 16, ?
☐ A 20 ☐ B 22 ☐ C 21 ☐ D 23 ☐ E 24

34 Find the next number in the series: 6, 11, 21, 41, ?
☐ A 79 ☐ B 80 ☐ C 82 ☐ D 83 ☐ E 81

35 Find the next number in the series: 1, 4, 10, 22, 46, ?
☐ A 92 ☐ B 93 ☐ C 94 ☐ D 95 ☐ E 96

36 Find the next number in the series: 150, 138, 126, 114, ?
☐ A 100 ☐ B 101 ☐ C 102 ☐ D 103 ☐ E 104

End of paper. Well done!