



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: DS, FQ, HO, JM, ?
☐ A MK ☐ B LK ☐ C LL ☐ D KK ☐ E ML
- Find the next pair of letters in the series: HC, KF, NI, QL, ?
☐ A UO ☐ B TP ☐ C TO ☐ D SO ☐ E UP
- Find the next pair of letters in the series: UF, RH, OJ, LL, ?
☐ A JN ☐ B IO ☐ C HN ☐ D IN ☐ E JO
- Find the next pair of letters in the series: KO, MP, OQ, QR, ?
☐ A SS ☐ B TS ☐ C ST ☐ D RS ☐ E TT
- Find the next pair of letters in the series: YJ, XM, WP, VS, ?
☐ A VV ☐ B UW ☐ C TV ☐ D VW ☐ E UV
- Find the next pair of letters in the series: CW, GS, KO, OK, ?
☐ A TG ☐ B SH ☐ C SG ☐ D RG ☐ E TH

Section B: Letter codes

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

- In a secret code, TRAIN is written as VTCKP. How is TRACK written in the same code?
☐ A WUDFN ☐ B VTCEM ☐ C USBDL ☐ D XVEGO ☐ E TRACK
- In a secret code, PLANE is written as SODQH. How is PILOT written in the same code?
☐ A SLORW ☐ B TMP SX ☐ C RKNQV ☐ D UNQTY ☐ E QJMPU
- In a secret code, BUS is written as FYW. What word does GEF stand for?
☐ A CAR ☐ B VAN ☐ C JET ☐ D CAB ☐ E MAP
- In a secret code, FERRY is written as DCP PW. How is WHARF written in the same code?
☐ A VGZQE ☐ B TEXOC ☐ C WHARF ☐ D SDWNB ☐ E UFYPD

11 In a secret code, WHEEL is written as BMJJQ. How is BRAKE written in the same code?

- ☐ A GWFPJ ☐ B HXGQK ☐ C FVEOI ☐ D IYHRL ☐ E EUDNH

12 In a secret code, ROAD is written as YVHK. What word does SHUL stand for?

- ☐ A PATH ☐ B MEWS ☐ C LANE ☐ D KERB ☐ E SIGN

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: *A wasp inside the car caused chaos.*

- ☐ A TURN ☐ B COIL ☐ C LOOP ☐ D SPIN ☐ E WEBS

14 A four letter word is hidden at the end of one word and the start of the next. Find it: *The cinema sketch made everyone laugh.*

- ☐ A FACE ☐ B MASK ☐ C HOOD ☐ D CAPE ☐ E WIGS

15 A four letter word is hidden at the end of one word and the start of the next. Find it: *This line stops at the old depot.*

- ☐ A BIRD ☐ B EGGS ☐ C TWIG ☐ D DOWN ☐ E NEST

16 A four letter word is hidden at the end of one word and the start of the next. Find it: *The car chase thrilled the audience.*

- ☐ A DOME ☐ B ARCH ☐ C WALL ☐ D BEAM ☐ E STEP

17 A four letter word is hidden at the end of one word and the start of the next. Find it: *The idea seemed silly at first.*

- ☐ A REST ☐ B CALM ☐ C EASE ☐ D SOFT ☐ E MILD

18 A four letter word is hidden at the end of one word and the start of the next. Find it: *Iron certainly rusts in the rain.*

- ☐ A SOON ☐ B THEN ☐ C PAST ☐ D NEXT ☐ E ONCE

Section D: Closest in meaning

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

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

- ☐ A lose ☐ B hide ☐ C move ☐ D find ☐ E mark

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

- ☐ A delicate ☐ B solid ☐ C precious ☐ D small ☐ E smooth

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

- ☐ A allow ☐ B invite ☐ C forbid ☐ D ignore ☐ E delay

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

- ☐ A sparkle ☐ B fade ☐ C drip ☐ D darken ☐ E swirl

- 23 Which word is closest in meaning to *reply*?
☐ A question ☐ B answer ☐ C repeat ☐ D argue ☐ E agree
- 24 Which word is closest in meaning to *furious*?
☐ A calm ☐ B sad ☐ C shy ☐ D glad ☐ E livid

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 sparrow ☐ B starling ☐ C finch ☐ D bridge ☐ E thrush
- 26 Which word is the odd one out?
☐ A granite ☐ B slate ☐ C flint ☐ D chalk ☐ E velvet
- 27 Which word is the odd one out?
☐ A trumpet ☐ B scooter ☐ C cornet ☐ D bugle ☐ E trombone
- 28 Which word is the odd one out?
☐ A duke ☐ B earl ☐ C baron ☐ D napkin ☐ E count
- 29 Which word is the odd one out?
☐ A harvest ☐ B breakfast ☐ C lunch ☐ D supper ☐ E dinner
- 30 Which word is the odd one out?
☐ A glacier ☐ B iceberg ☐ C puddle ☐ D frost ☐ E icicle

Section F: Number series

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

- 31 Find the next number in the series: 4, 12, 36, 108, ?
☐ A 322 ☐ B 323 ☐ C 325 ☐ D 326 ☐ E 324
- 32 Find the next number in the series: 512, 256, 128, 64, ?
☐ A 32 ☐ B 30 ☐ C 31 ☐ D 33 ☐ E 34
- 33 Find the next number in the series: 1, 3, 7, 13, 21, ?
☐ A 29 ☐ B 31 ☐ C 30 ☐ D 32 ☐ E 33
- 34 Find the next number in the series: 9, 17, 33, 65, ?
☐ A 127 ☐ B 128 ☐ C 129 ☐ D 130 ☐ E 131
- 35 Find the next number in the series: 2, 5, 11, 23, 47, ?
☐ A 93 ☐ B 94 ☐ C 96 ☐ D 95 ☐ E 97
- 36 Find the next number in the series: 91, 84, 77, 70, ?
☐ A 61 ☐ B 63 ☐ C 62 ☐ D 64 ☐ E 65

End of paper. Well done!