PRELIMINARY INTERVIEW BOARD
TERRITORIAL ARMY COMMISSION : **31 JULY** 2016
PAPER-1: REASONING & ELEMENTARY MATHEMATICS

A

Max Time : 2 **Hours**

Roll No............................

Max Marks : 100

(Please **Read** The Instructions Carefully)
INSTRUCTIONS
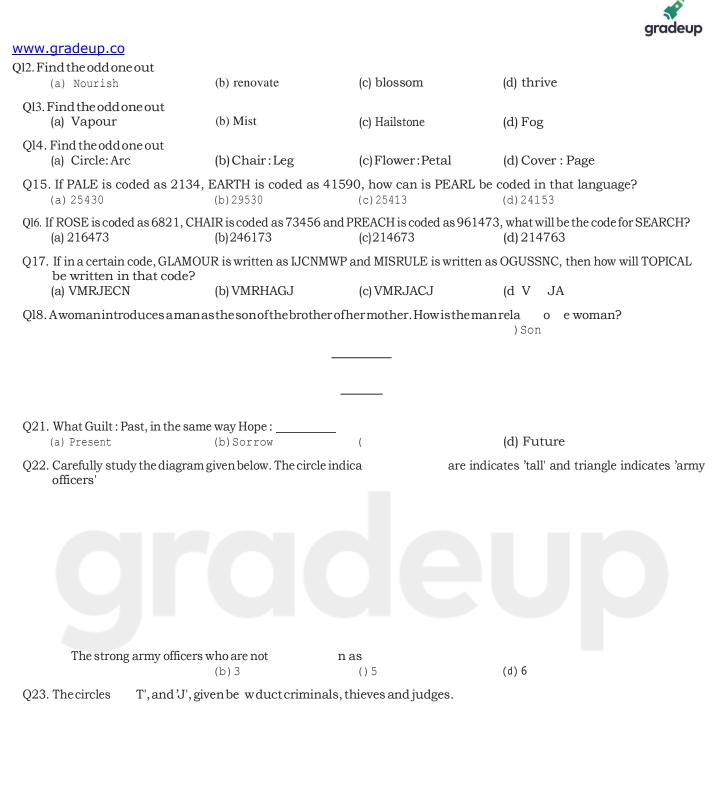
1. Paper 2 has two parts: Part I & Part II

   (a) Part I : Reasoning (50 marks)

   (b) Part II: Elementary Mathematics (50 marks)

2. Each section carries 50 objectives type of questions.

3. There will be four possible answers to every question. Candidates are required to fill correct answe   the OMR sheet with Black ball pen only.

4. For each correct answer, 1 mark will be granted and 0.5 mark will be deducted for every   nswer.

5. If a candidate gives more than one answer, it will be treated as a wrong answer and   m   wi e deducted. There will be no penalty for questions left unanswered.

6. Candidates should not mark in the question paper. They can use blank pages   vide in the question paper for rough work.

7. To be eligible to qualify, a candidate must obtain minimum 40% marks eac '   ec n I & II separately and a minimum of 50% aggregate in total.

PART-1 : REASONING

In each of the following series determine the order of the ie   en from the given options select the one which will complete the given series.

Q1. B A D C ? H G J I
(a) EF (b) FE c G (d) DF

Q2. ADG, XVT, BEH, WUS, ?
(a) VTR (b) CFI (c) DFJ (d) FTU

Q3. GMSY, IOUA, KQWC, ?
(a) MSYE (b) NSYE (c) MTYE (d) MSYF

In the following question, select   er (s) from the given options for completing the given series.

Q4. 3, 1/3, 14, 1/4, 25, 1/ 25, ?
(a) 1/36 (b (c) 35 (d) 36

Q5. 96, 90, 78, ?, 36, 6
(a) 60 (b) () 48 (d)54

In the questions given b   es ablish the relationship between the two words. Then from given options select one which has the same rel ion 'p as of the given two words.

Q6. Gum is.................................. as Socket is to Eye.
(a) Tree (b) Paper (c) Tooth (d) Stick

Q7. Stars are to Night as Sun is to...............
(a) Noon (b) Dawn (c) Day (d) Light

Q8. If 'light' is called 'morning', 'morning' is called 'dark', 'dark' is called 'night', 'night' is called 'sunshine' and 'sunshine' is called 'dusk', when do we sleep?
(a) Morning (b) Night () Dusk (d) Sunshine

Q9. Horse: Mare. Find the most appropriate pair below
(a) Cow : Bull (b) Cow : Calf (c) Dog : Puppy (d) Tiger : Horse

Q10. What Bank : Money, in the same way, Transport: _____
(a) Traffic (b) Goods () Speed (d) Road

Q11. Find the odd one out
(a) cusade (b) expedition (c) cruise (d) campaign

Ql2. Find the odd one out
(a) Nourish   (b) renovate   (c) blossom   (d) thrive

Ql3. Find the odd one out
(a) Vapour   (b) Mist   (c) Hailstone   (d) Fog

Ql4. Find the odd one out
(a) Circle : Arc   (b) Chair : Leg   (c) Flower : Petal   (d) Cover : Page

Q15. If PALE is coded as 2134, EARTH is coded as 41590, how can is PEARL be coded in that language?
(a) 25430   (b) 29530   (c) 25413   (d) 24153

Ql6. If ROSE is coded as 6821, CHAIR is coded as 73456 and PREACH is coded as 961473, what will be the code for SEARCH?
(a) 216473   (b) 246173   (c) 214673   (d) 214763

Q17. If in a certain code, GLAMOUR is written as IJCNMWP and MISRULE is written as OGUSSNC, then how will TOPICAL be written in that code?
(a) VMRJECN   (b) VMRHAGJ   (c) VMRJACJ   (d V   JA

Ql8. A woman introduces a man as the son of the brother of her mother. How is the man rela   o   e woman?
) Son

_____

_____

Q21. What Guilt : Past, in the same way Hope : _____
(a) Present   (b) Sorrow   ((d) Future

Q22. Carefully study the diagram given below. The circle indica   are indicates 'tall' and triangle indicates 'army officers'

The strong army officers who are not   n as
(b) 3   ( ) 5   (d) 6

Q23. The circles   T', and 'J', given be   w duct criminals, thieves and judges.

Which of the f   o   figures best depicts the relationship among criminals, thieves and judges?

(a)   (b)   (c)   (d)
(a) A   (b) B   (c) C   (d) D

Q24. In a family there are husband wife, two sons and two daughters. All the ladies were invited to a dinner. Both sons went out to play. Husband did not return from office. Who was at home?
(a) Only wife was at home   (b) All ladies were at home
(c) Only sons were at home   (d) No body was at home

Q25. Artists are generally whimsical. Some of them are frustrated. Frustrated people are prone to be drug addicts. Based on these statements which of the following conclusions is true?
(a) All frustrated people are drug addicts   (b) Some artists may be drug addicts
(c) All drug addicts are artists   (d) Frustrated people are whimsical