# POST GRADUATE COMMON ENTRANCE TEST - 2015

| DATE       |         | C       | OURSE    |                            | TIME                 |  |  |
|------------|---------|---------|----------|----------------------------|----------------------|--|--|
| 09-08-2015 |         |         | MBA      |                            | 10.30 AM TO 12.30 PM |  |  |
| MAXIMUM N  | ARKS    | TOTAI   | DURATION | MAXIMUM TIME FOR ANSWERING |                      |  |  |
| 100        |         | 150     | MINUTES  | 120 MINUTES                |                      |  |  |
|            |         |         | QUES     | TION BOOKLET DETAILS       |                      |  |  |
| MENTION YO | OUR PGO | CET NO. | VERSION  | CODE                       | SERIAL NUMBER        |  |  |
|            | 2 a     |         | A –      | 1                          | 214457               |  |  |

#### DOs:

- 1. Check whether the PGCET No. has been entered and shaded in the respective circles on the OMR answer sheet.
- 2. This question booklet is issued to you by the invigilator after the 2nd bell i.e., after 10.25 am.
- 3. The serial number of this question booklet should be entered on the OMR answer sheet.
- 4. The version code of this question booklet should be entered on the OMR answer sheet and the respective circles should also be shaded completely.
- 5. Compulsorily sign at the bottom portion of the OMR answer sheet in the space provided.

#### DON'Ts:

- 1. THE TIMING AND MARKS PRINTED ON THE OMR ANSWER SHEET SHOULD NOT BE DAMAGED / MUTILATED/SPOILED.
- 2. THE 3RD BELL RINGS AT 10.30 AM, TILL THEN;
  - Do not remove the seal / staple present on the right hand side of this question booklet.
  - Do not look inside this question booklet.
  - Do not start answering on the OMR answer sheet.

## IMPORTANT INSTRUCTIONS TO CANDIDATES

- 1. This question booklet contains 100 (items) questions and each question will have one statement and four answers. (Four different options / responses.)
- After the 3rd Bell is rung at 10.30 am, remove the seal / staple stapled on the right hand side of this question booklet and check that this booklet does not have any unprinted or torn or missing pages or items etc., if so, get it replaced by a complete test booklet. Read each item and start answering on the OMR answer sheet.
- 3. During the subsequent 120 minutes:
  - Read each question (item) carefully.
  - Choose one correct answer from out of the four available responses (options / choices) given under each
    question / item. In case you feel that there is more than one correct response, mark the response which you
    consider the best. In any case, choose only one response for each item.
  - Completely darken / shade the relevant circle with a blue or black ink ballpoint pen against the question number on the OMR answer sheet.
- Use the space provided on each page of the question booklet for Rough Work. Do not use the OMR answer sheet for the same.
- After the last bell is rung at 12.30 pm, stop marking on the OMR answer sheet and affix your left hand thumb impression on the OMR answer sheet as per the instructions.
- 6. Hand over the OMR answer sheet to the room invigilator as it is.
- After separating the top sheet (KEA copy), the invigilator will return the bottom sheet replica (candidate's copy) to you to carry home for self-evaluation.
- 8. Preserve the replica of the OMR answer sheet for a minimum period of ONE year.

# MARKS DISTRIBUTION

PART - 1 : (SECTION - A) 25 QUESTIONS : 25 X 1 = 25; (SECTION - B) 25 QUESTIONS : 25 X 1 = 25 PART - 2 : (SECTION - C) 25 QUESTIONS : 25 X 1 = 25; (SECTION - D) 25 QUESTIONS : 25 X 1 = 25

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# MASTER OF BUSINESS ADMINISTRATION PART - 1 SECTION - A TEST OF PROFICIENCY IN ENGLISH LANGUAGE

| Direct<br>which<br>in ca | <b>Direction for Q Nos. 1 to 3:</b> Select the right word which gives the correct meaning of the word written in capital letters. |                                      |               |                                   |   | ctions<br>wing s<br>k. Ber  | s for Q Nos. 6 to 10: In each of the<br>sentences, parts of the sentence are left<br>neath each sentence, four different ways<br>ing the sentence are indicated. Choose |  |
|--------------------------|---|--------------------------------------|---------------|-----------------------------------|---|-----------------------------|---|--|
| 1.                       | EXPL  | LICIT                                |               |                                   | the best alternative from among the four.   |                             |   |  |
|                          | a. Cl   | ean                                  | b.            | Implied                           | 6.  | But                         | are now regularly written to  |  |
|                          | c. Ob   | ovious                               | d.            | Specifically                      |   | desc<br>orga<br>whic        | ribe well established practices,<br>nisations and institutions, not all of<br>h seem to be away.  |  |
| 2. IN                    | FAMY  | Z                                    |               | т. <sub>18</sub> 5                |   | a.                          | reports, withering  |  |
|                          | a.  | Dishonour                            | b.            | Glory                             |   | b.                          | stories, trading  |  |
|                          | c.  | Integrity                            | d.            | Reputation                        |   | c.                          | books, dying  |  |
|                          |   | r. :                                 |               |                                   |   | d.                          | obituaries, fading  |  |
| 3.                       | ABSC  | DLUTE                                |               |                                   |   |                             |   |  |
|                          | a.  | Division                             | b.            | Complete                          | 7.  | The Drawin who is most rema |   |  |
|                          | с.  | Small                                | d.            | Half                              | for the way in which he the att<br>of the world class thinker and head<br>household |                             | he way in which he the attributes<br>he world class thinker and head of the<br>schold   |  |
| Direc                    | ction   | for Q Nos. 4 and                     | d 5:          | Pick out the most                 |   | a.                          | comes, figures  |  |
| blan                     | k to  | make the sen                         | ten           | ce meaningfully                   |   | b.                          | arises, adds  |  |
| comp                     | Mar   | ia a lan                             |               |                                   |   | c.                          | emerges, combines   |  |
| 4.                       | is m<br>than  | ore in need of n<br>of physical comp | nent<br>anio  | al companionship<br>onship.       |   | d.                          | appeared, combines  |  |
|                          | a.  | egoistic                             |               | b. biological                     | 8.  | Sinc                        | e her face was free of there was  |  |
|                          | c.  | emotional                            |               | d. gregarious                     |   | had l                       | happened.   |  |
|                          |   |                                      |               |                                   |   | a.                          | make-up, realise  |  |
| 5.                       | Shiva<br>prefe  | alal class<br>ers Bhimsen Josh       | sical<br>i to | music. He always<br>Asha Bhosale. |   | b.                          | expression, ascertain   |  |
|                          | a.  | adores                               | b.            | apprehends                        |   | c.                          | emotion, diagnose   |  |
|                          | c.  | encompasses                          | d.            | cultivates                        |   | d.                          | scars, understand   |  |

Space For Rough Work

| 9. | In this | context, the      | of the British labour | 1 |
|----|---------|-------------------|-----------------------|---|
|    | mov     | vement is particu | larly                 |   |
|    | a.      | affair, weird     |                       |   |

- b. activity, moving
- c. experience, significant
- d. atmosphere, gloomy
- 10. Indian intellectuals may boast, if they are so inclined, of being \_\_\_\_\_ to the most elitist among the intellectual \_\_\_\_\_ of the world.
  - a. subordinate, traditions
  - b. heirs, cliques
  - c. ancestors, societies
  - d. heir, traditions

**Directions for Q Nos. 11 to 15:** Some proverbs / idioms are given below together with their meanings. Choose the correct meaning of proverb / idiom.

- 11. To make clean breast of
  - a. To gain prominence
  - b. To praise oneself
  - c. To confess without reserve
  - d. To destroy before it blooms
- 12. To drive home
  - a. To find one's roots
  - b. To return to place of rest
  - c. Back to original position
  - d. To emphasise

3. To cry wolf

- a. To listen eagerly
- b. To give false alarm
- c. To turn pale
- d. To keep off starvation
- 14. To pick holes
  - a. To find some reason to quarrel
  - b. To destroy something
  - c. To criticise someone
  - d. To cut some part of an item
- 15. To smell a rat
  - a. To see signs of plague epidemic
  - b. To get bad smell of a dead rat
  - c. To suspect foul dealings
  - d. To be in a bad mood

**Directions for Q Nos.16 to 20:** Choose the word which is most OPPOSITE in meaning of the word given in capitals.

- 16. LATENT
  - a. Concealed
  - b. Real
  - c. Apparent
  - d. Dubious

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| 17.           | ZENI             | ТН                                     |              |  | 22.   | DRO   | PCLOTH : I | FUI | RNITURE                                  |
|---------------|------------------|--|--------------|--|-------|-------|------------|-----|--|
|               | a.               | acme                                   | b.           | Тор                                      | 9 II  | a.    | Apron      | :   | Clothing                                 |
|               | c.               | Nadir                                  | d.           | Pinnacle                                 |       | b.    | Banner     | :   | Flagpole                                 |
|               |                  |  |              |  |       | c.    | Towel      | :   | Rack                                     |
| 18.           | ADVA             | ANCE                                   |              |  |       | d.    | Pillow     | :   | Bending                                  |
|               | a.               | Hamper                                 | b.           | Backward                                 |       |       |            |     |  |
|               | c.               | Increase                               | d.           | Defeat                                   | 23. 0 | CLOUI | BURST : F  | RAI | NFALL •                                  |
|               |                  | <u></u>                                |              |  |       | a.    | Ashes      | :   | Fire                                     |
| 19.           | PROI             | MPT                                    | 1            | e<br>Destas in                           |       | b.    | Gust       | :   | Wind                                     |
|               | a.               | Unwilling                              | D.           | Restrain                                 |       | c.    | Sunbeam    | 1:  | Flame                                    |
|               | c.               | PIOVORE                                | a            | Late                                     |       | d.    | Ripple     | :   | Wave                                     |
| 20.           | SUB              | STANTIAL                               |              |  |       |       |            |     |  |
|               | a.               | Extensive                              | b.           | Independent                              | 24.   | MOD   | ERATE : D  | EB  | ATE                                      |
|               | c.               | Manifest                               | d.           | Minimal                                  |       | a.    | Legislato  | r:  | Election                                 |
|               |                  |  |              |  |       | b.    | Chef       | :   | Banquet                                  |
| Dire          | ctions           | s for Q Nos. 21                        | to 2         | <b>25:</b> In each of the                |       | c.    | Auditor    | :   | Lecture                                  |
| ques<br>follo | tions,<br>wed by | a related pair of pl                   | of wo        | ords or phrases is es. Select the pair   |       | d.    | Umpire     | :   | Game                                     |
| that<br>expre | best e           | expresses a relat<br>in the original p | ions<br>air. | hip similar to that                      |       |       |            |     | er a estrationa                          |
| 21.           | woo              | DL : ACRYLIC                           |              | 2  | 25.   | FISH  | MERMAII    | þ   | an a |
|               | a.               | Minutes : Da                           | ay           | 4  |       | a.    | Unicom     | :   | Tapestry                                 |
|               | b.               | Cotton : Po                            | lyes         | ter                                      |       | b.    | Horse      | :   | Centaur                                  |
|               | c.               | India : As                             | sam          | =  |       | c.    | Pegasus    | :   | Fly                                      |
|               | d.               | Nylon : Ra                             | yon          | an a |       | d.    | Cat        | :   | Lion                                     |

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**5** https://www.freshersnow.com/previous-year-question-papers/

# SECTION - B General Knowledge

| 26. | Which among the following brands does not belong to Nestle? |                                     |              |  | <u>30</u> . | V2 i<br>the | s the upgraded version of which among following cars ?                  |
|-----|---|-------------------------------------|--------------|--|-------------|-------------|---|
|     | a.  | Sunrise                             | b.           | Frappe                                 |             | a.          | Fiat Palio  |
|     | c.  | Bru                                 | d.           | Choc cafe                              |             | b.          | Hyundai Santro  |
|     |   |                                     |              |  |             | c.          | Tata Indica   |
| 27. | How<br>in se  | many companies<br>ensex of the Bomb | sha<br>bay s | res are represented<br>Stock Exchange? |             | d.          | Maruti Versa  |
|     | a.  | 33                                  | b.           | 50                                     | 31.         | Euro<br>to  | o I, Euro II and Euro III norms are related                             |
|     | c.  | 32                                  | d.           | 30                                     |             | a.          | Automobile engine   |
|     |   |                                     |              |  |             | b.          | Computer chips  |
| 28. | Whic  | h among the fol                     | lowi         | ng nations is the                      |             | c.          | Auto fuel   |
|     | seco<br>the v   | nd largest export<br>vorld ?        | er o         | t oil (petroleum) in                   |             | d.          | None of the above   |
|     | a.  | United Arab Em                      | nirat        | es                                     |             |             |   |
|     | b   | Kuwait                              |              |  | 32.         | Fisca       | al deficit refers to the  |
|     | 5.  | nuwait                              |              |  |             | a.          | Final revenue deficit of the government                                 |
|     | c.  | Russia                              |              |  |             | b.          | Actual deficit of the government  |
|     | d.  | Venezuela                           |              |  |             | с.          | Deficit related to non-tax revenue                                      |
|     |   |                                     |              |  | -           | d.          | None of the above   |
| 29. | The   | following pair                      | s sł         | now groups and                         |             |             |   |
|     | the f   | ollowing is wrong                   | ly m         | atched ?                               | 33.         | Which riche | ch among the following nations is the<br>est nation in the Arab world ? |
|     | a.  | A.V. Birla group                    | : G1         | rasim                                  |             | a.          | United Arab Emirates  |
|     | b.  | Tata group : Hot                    | tel T        | aj                                     |             | b.          | Saudi Arabia  |
|     | c.  | Thapar group : I                    | Built        |  |             | c.          | Qatar   |
|     | d.  | Reliance : Hinda                    | alco         |  |             | d.          | Kuwait  |

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| 34. | <ol> <li>"Your dreams, Our commitment" is the<br/>punch line of</li> </ol> |  | 38.               | Ento  | mology is the science that studies   |  |
|-----|--|--|-------------------|---|--|--|
|     | a.   | Birla Sun Life   |                   | a.  | Behaviour of human being   |  |
|     | b.   | OM Kotak Mahindra  |                   | b.  | Insects  |  |
|     | c.   | Alliance Bajaj Insurance   | 6                 | c.  | The origin and history of technical and scientific term                          |  |
|     | d.   | None of the above  | R.                | d.  | The formation of rocks   |  |
|     |  |  |                   |   |  |  |
| 35. | CII is   | sa   | 39.               | For v<br>Prize  | which of the following disciplines is Nobel awarded ?                            |  |
|     | a.   | Public Limited Company   | -                 | a.  | Physics and chemistry  |  |
|     | b.   | Private Limited Company  |                   | b.  | Phsiology or medicine  |  |
|     | c. Industrial apex body  |  |                   | c.  | Literature, Peace and Economics  |  |
|     | d.   | None of the above  |                   | d.  | All of the above   |  |
|     |  |  |                   |   |  |  |
| 36. | In the<br>follow   | last one decade, which one among the<br>wing sectors has attracted the highest | <mark>4</mark> 0. | Exposure to sunlight helps a person to improve his health because |  |  |
|     | ?  | gn direct investment innows into india   | 1. 20<br>1.       | a.  | The infrared lights kill bacteria in the body                                    |  |
|     | a.   | Chemicals other than fertilizers   |                   | b.  | Resistance power increases   |  |
|     | b.   | Service sector   |                   | c.  | The pigment cells in the skin get  |  |
|     | c.   | Food processing  |                   |   | stimulated and produce a health tan  |  |
|     | d.   | Telecommunication  |                   | d.  | The ultraviolet rays converts skin oil into Vitamin D                            |  |
|     |  |  |                   |   |  |  |
| 37. | Deve<br>Gove   | elopment expenditure of the Central<br>ernment does not include                | 41.               | Guar<br>of hi   | rantee to an exporter that the importer<br>is goods will pay immediately for the |  |
|     | a.   | Defence expenditure  |                   | good  | s ordered by him, is known as  |  |
|     | b.   | Expenditure on economic services   |                   | a.  | Letter of credit (L/C)   |  |
|     | c.   | Expenditure on social and community  |                   | b.  | Laissezfeire   |  |
|     |  | services   |                   | c.  | Inflation  |  |
| -   | d.   | Grant to states  | -<br>+            | d.  | None of the above  |  |

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1

:

| Whiel<br>by UN<br>a.<br>b.<br>c.<br>d.<br>Rece<br>doubl<br>a.<br>b.<br>c.<br>d.<br>In wh<br>comin<br>a.<br>b.<br>c.<br>d.<br>Lin wh<br>comin<br>a.<br>b.<br>c.<br>d.            | NESCO under of<br>Mysuru<br>Pune<br>Varanasi<br>Patna<br>ntly, which<br>les was won by<br>Wimbledon<br>French Open<br>US open<br>None of the al<br>nich State, is In<br>ng up ?<br>Himachal Pra<br>Uttar Khand<br>Jammu and H<br>Haryana | Grand<br>Sania<br>bove<br>dia's l<br>desh<br>Kashm  | e cities of network?<br>d Slam Women's<br>a Mirza ?<br>ongest road tunnel<br>ir<br><b>Space For</b>   | 49.<br>50.   | d.<br>Who<br>pres<br>a.<br>b.<br>c.<br>d.<br>Who<br>of K<br>a.<br>b.<br>c.<br>d.<br>d.   |
|---|--|---|---|--|--|
| Whiel<br>by UN<br>a.<br>b.<br>c.<br>d.<br>Rece<br>doubl<br>a.<br>b.<br>c.<br>d.<br>In wh<br>comin<br>a.<br>b.<br>c.<br>d.<br>d.<br>In wh<br>comin<br>a.<br>b.<br>c.<br>d.<br>d. | NESCO under of<br>Mysuru<br>Pune<br>Varanasi<br>Patna<br>ntly, which<br>les was won by<br>Wimbledon<br>French Open<br>US open<br>None of the al<br>nich State, is In<br>ng up ?<br>Himachal Pra<br>Uttar Khand<br>Jammu and H            | Grand<br>Sania<br>bove<br>dia's l<br>desh<br>Kashm  | d Slam Women's<br>a Mirza ?<br>ongest road tunnel   | 49.  | d.<br>Who<br>pres<br>a.<br>b.<br>c.<br>d.<br>Who<br>of K<br>a.<br>b.<br>c.<br>d  |
| Whiel<br>by UN<br>a.<br>b.<br>c.<br>d.<br>Rece<br>doubl<br>a.<br>b.<br>c.<br>d.<br>In wh<br>comin<br>a.<br>b.<br>c.<br>d.   | VESCO under of<br>Mysuru<br>Pune<br>Varanasi<br>Patna<br>ntly, which<br>les was won by<br>Wimbledon<br>French Open<br>US open<br>None of the al<br>ich State, is In<br>ng up ?<br>Himachal Pra<br>Uttar Khand                            | Grand<br>Sania<br>bove<br>dia's l<br>desh   | d Slam Women's<br>a Mirza ?<br>ongest road tunnel   | 49.  | d.<br>Who<br>pres<br>a.<br>b.<br>c.<br>d.<br>Who<br>of K<br>a.<br>b.<br>c.   |
| Whiel<br>by UN<br>a.<br>b.<br>c.<br>d.<br>Rece<br>doubl<br>a.<br>b.<br>c.<br>d.<br>In wh<br>comin<br>a.<br>b  | VESCO under of<br>Mysuru<br>Pune<br>Varanasi<br>Patna<br>ntly, which<br>les was won by<br>Wimbledon<br>French Open<br>US open<br>None of the al<br>ich State, is In<br>ng up ?<br>Himachal Pra   | Grand<br>Sania<br>bove<br>dia's l   | d Slam Women's<br>a Mirza ?   | 49.  | d.<br>Who<br>pres<br>a.<br>b.<br>c.<br>d.<br>Who<br>of K<br>a.<br>b.   |
| Whiel<br>by UN<br>a.<br>b.<br>c.<br>d.<br>Rece<br>doubl<br>a.<br>b.<br>c.<br>d.<br>In wh<br>comin   | VESCO under o<br>Mysuru<br>Pune<br>Varanasi<br>Patna<br>ntly, which<br>les was won by<br>Wimbledon<br>French Open<br>US open<br>None of the al<br>nich State, is In<br>ng up ?   | Grand<br>Sania<br>bove<br>dia's l   | d Slam Women's<br>a Mirza ?<br>ongest road tunnel   | 49.  | d.<br>Who<br>pres<br>a.<br>b.<br>c.<br>d.<br>Who<br>of K<br>a.   |
| Whiel<br>by UN<br>a.<br>b.<br>c.<br>d.<br>Rece<br>doubl<br>a.<br>b.<br>c.<br>d.<br>d.   | VESCO under o<br>Mysuru<br>Pune<br>Varanasi<br>Patna<br>ntly, which<br>les was won by<br>Wimbledon<br>French Open<br>US open<br>None of the al   | Grand<br>Sania<br>bove  | d Slam Women's<br>a Mirza ?   | 49.  | d.<br>Who<br>pres<br>a.<br>b.<br>c.<br>d.<br>Who<br>of K   |
| Whiel<br>by UN<br>a.<br>b.<br>c.<br>d.<br>Rece<br>doubl<br>a.<br>b.<br>c.<br>d.   | VESCO under of<br>Mysuru<br>Pune<br>Varanasi<br>Patna<br>ntly, which<br>les was won by<br>Wimbledon<br>French Open<br>US open<br>None of the al  | Grano<br>Sania  | d Slam Women's<br>Mirza?  | 49.  | d.<br>Who<br>pres<br>a.<br>b.<br>c.<br>d.  |
| Whiel<br>by UN<br>a.<br>b.<br>c.<br>d.<br>Rece<br>doubl<br>a.<br>b.<br>c.   | VESCO under o<br>Mysuru<br>Pune<br>Varanasi<br>Patna<br>ntly, which<br>les was won by<br>Wimbledon<br>French Open<br>US open   | Granc<br>Sania  | d Slam Women's<br>Mirza?  | 49.  | d.<br>Who<br>pres<br>a.<br>b.<br>c.<br>d.  |
| Whiel<br>by UN<br>a.<br>b.<br>c.<br>d.<br>Rece<br>doubl<br>a.<br>b.   | VESCO under o<br>Mysuru<br>Pune<br>Varanasi<br>Patna<br>ntly, which<br>les was won by<br>Wimbledon<br>French Open  | Grano<br>Sania  | d Slam Women's<br>Mirza?  | 49.  | d.<br>Who<br>pres<br>a.<br>b.<br>c.  |
| Whiel<br>by UN<br>a.<br>b.<br>c.<br>d.<br>Rece<br>doubl<br>a.   | NESCO under o<br>Mysuru<br>Pune<br>Varanasi<br>Patna<br>ntly, which<br>les was won by<br>Wimbledon   | Grano<br>Sania  | e cities of network?<br>d Slam Women's<br>a Mirza ?   | 49.  | d.<br>Who<br>pres<br>a.<br>b.  |
| Whiel<br>by UN<br>a.<br>b.<br>c.<br>d.<br>Rece<br>doubl   | NESCO under o<br>Mysuru<br>Pune<br>Varanasi<br>Patna<br>ntly, which<br>les was won by  | Grand   | d Slam Women's<br>Mirza ?   | 49.  | d.<br>Who<br>pres<br>a.<br>b.  |
| Whiel<br>by UN<br>a.<br>b.<br>c.<br>d.  | IESCO under o<br>Mysuru<br>Pune<br>Varanasi<br>Patna   | creativ   | e cities of network?  | 49.  | d.<br>Who<br>pres  |
| Whicl<br>by UN<br>a.<br>b.<br>c.  | IESCO under o<br>Mysuru<br>Pune<br>Varanasi  | creativ   | e cities of network?  | 49.  | d.<br>Who  |
| Whicl<br>by UN<br>a.<br>b.  | NESCO under o<br>Mysuru<br>Pune  | creativ   | e cities of network?  | -š   | d.   |
| Whicl<br>by UN<br>a.  | NESCO under o<br>Mysuru  | creative  | e cities of network?  | -8   | d.   |
| Which<br>by UN  | VESCO under o  | creativ   | e cities of network?  |  |  |
|   | h city has beer  | h chose   | en as City of Music   |  | c.   |
|   |  |   |   |  | b.   |
| c.  | Facebook   | d.  | IBM   | 4  | a.   |
| white<br>techn<br>is bei<br>a.  | - Fi technolog<br>ology within t<br>ng developed b<br>Google   | gy, wh<br>he TV<br>py<br>h  | ICN USE OF A W1-Fi<br>unused spectrum<br>   | 48.  | Firs   |
| White   | E: took l  |   | ich was of a Wi Di  |  | d.   |
| d.  | Lok Sabha sp   | eaker   |   |  | c.   |
| c.  | Chief Justice  | of Su   | preme Court   | -i   | b.   |
| b.  | Vice-Presider  | it  |   | 11   |  |
| Presid  | Prime Minist   | er  |   |  | Awa  |
| Who   | administers  | the o   | oath of office to   | 47.  | Whi  |
|   | Who<br>Presid<br>a.<br>b.<br>c.<br>d.<br>White<br>techn<br>is bei<br>a.<br>c.  | <ul> <li>Who administers<br/>President of India ?</li> <li>a. Prime Minist</li> <li>b. Vice-President</li> <li>c. Chief Justice</li> <li>d. Lok Sabha sp</li> <li>White - Fi technology</li> <li>within t</li> <li>is being developed to</li> <li>a. Google</li> <li>c. Facebook</li> </ul> | Who administers the operation of India ?<br>a. Prime Minister<br>b. Vice-President<br>c. Chief Justice of Sug<br>d. Lok Sabha speaker<br>White - Fi technology, wh<br>technology within the TV<br>is being developed by<br>a. Google b.<br>c. Facebook d. | Who administers the oath of office to<br>President of India ?<br>a. Prime Minister<br>b. Vice-President<br>c. Chief Justice of Supreme Court<br>d. Lok Sabha speaker<br>White - Fi technology, which use of a Wi-Fi<br>technology within the TV unused spectrum<br>is being developed by<br>a. Google b. Microsoft<br>c. Facebook d. IBM | Who administers the oath of office to<br>President of India ?<br>a. Prime Minister<br>b. Vice-President<br>c. Chief Justice of Supreme Court<br>d. Lok Sabha speaker<br>White - Fi technology, which use of a Wi-Fi<br>technology within the TV unused spectrum<br>is being developed by<br>a. Google b. Microsoft<br>c. Facebook d. IBM |

ch port has received Golden Peacock rd for environment management ?

- Krishnapatnam port
- Nhava Sheva port
  - Perambur port
- Kandla port
- t Indian to win Oscar Award
  - Bhanu Athaaiya
  - **Resul Pookutty**
  - A. R. Rahman
  - None of the above
- is the leader of the opposition in the ent Lok Sabha ?
  - Mallikarjun Kharge
  - Rahul Gandhi
  - Sonia Gandhi
  - None of the above
- o is the Finance Minister of Government arnataka at present ?
  - R. V. Deshpande
  - D. K. Shivakumar
  - Siddaramaiah
  - Kagod Timmappa

k

## PART - 2 SECTION - C TEST OF REASONING

| Ques   | Questions 51 to 53:   |  |                |                                      | 55.             | Look                     | at this series                      | s: 58   | 52, 4              | 6, 40, 34,                 |
|--------|---|--|----------------|--------------------------------------|-----------------|--------------------------|-------------------------------------|---|--------------------|----------------------------|
| A bus  | s has   | exactly six stops                        | on i           | ts route. The bus                    |                 | •••••                    | What num                            | iber sh   | ould co            | ome next ?                 |
| four,  | five a  | at stop one and th<br>nd six respectivel | ien a<br>.y. A | fter the bus leaves                  |                 | a.                       | 26                                  |   | b. 28              |                            |
| stop s | stop six, the bus turns and returns to stop one and   |  |                |                                      |                 | c.                       | 30                                  |   | d. 32              |                            |
| that a | are in  | alphabetical orde                        | er: L          | , M, N, O, P and Q.                  |                 |                          |                                     |   |                    |                            |
| P is t | he thi  | rd stop                                  |                |                                      | 56.             | FAG.                     | GAF. HAI. IAH                       |   |                    |                            |
| M is t | the size  | xth stop                                 |                |                                      |                 | ,                        |                                     | ,   |                    |                            |
| The s  | top O   | is the stop imme                         | ediat          | tely before Q                        |                 | a.                       | JAK                                 | b.  | HAL                |                            |
| N is t | he st   | op immediately b                         | efor           | e L                                  |                 | c.                       | HAK                                 | d.  | JAI                |                            |
|        |   |  |                |                                      | 1               |                          |                                     |   | 1. and 1.          |                            |
| 51.    | In ca<br>the fe   | se N is the four<br>ollowing must be     | th st<br>the   | top, which among<br>stop immediately | 57.             | CMN                      | 1, EOO, GQQ, _                      | <b>,</b> 1  | KUU                |                            |
|        | Deloi   | O O                                      | h              | 0                                    |                 | a.                       | GRR                                 | b.  | GSS                |                            |
|        | a.<br>C   | N  | d.             | ų<br>L                               |                 | c.                       | ISS                                 | d.  | ITT                |                            |
| 52.    | <ul> <li>52. In case L is the second stop, which among the following must be the stop immediately before M ?</li> </ul> |  | 58.            | Inste                                | ad of a metre   | scale,                   | a cloth                             | n merchant  |                    |                            |
|        | a.  | N  | b.             | L                                    | ×               | uses<br>an 8             | a 120 cm scale<br>0cm scale while   | n scale while buying, but uses<br>while selling the same cloth. |                    |                            |
|        | c.  | Р  | d.             | Q                                    |                 | If he<br>payn            | e offers a disc<br>nent, what is hi | count<br>s overa  | of 20%<br>all perc | % on cash<br>ent profit?   |
| 53.    | In ca   | se a passenger                           | boar           | rds the bus at O,                    |                 | a.                       | 20 %                                | b.  | 25 %               |                            |
|        | rides<br>whic   | past one of the s<br>h of the following  | stops<br>; mu  | s and gets off at P,<br>st be true ? |                 | c.                       | 40 %                                | d.  | 15 %               |                            |
|        | a.  | O is stop one                            | b.             | Q is stop three                      |                 |                          |                                     |   |                    |                            |
|        | C.  | P is stop four                           | d.             | N is stop five                       | <del>59</del> . | A ma<br>girls.           | an has nine fri<br>. In how many    | ends,<br>ways c   | four bo<br>an he i | ys and five<br>nvite them, |
| 54.    | 54. Look at this series: 3, 4, 7, 8, 11, 12,<br>What number should come next ?  |  |                |                                      | if the<br>invit | ere has to be e<br>ees ? | exactly                             | three   | girls in the       |                            |
|        | a.  | 7  | b.             | 10                                   |                 | a.                       | 320                                 | b.  | 160                |                            |
|        | C.  | 14                                       | d.             | 15                                   |                 | c.                       | 80                                  | d.  | 200                | 2 1                        |

Space For Rough Work

9

- 60. In a watch, the minute hand crosses the hour hand for the third time exactly after every 3 hours 18 minutes 15 seconds of watch time. What is the time gained or lost by this watch in one day ?
  - a. 14 minutes 10 seconds lost
  - b. 13 minutes 50 seconds lost
  - c. 13 minutes 20 seconds gained
  - d. 14 minutes 40 seconds gained

**Directions for Q Nos. 61 to 65:** Study the following information to answer the given questions.

Eight persons A, B, C, D, E, F, G and H are sitting around a rectangular table in such a way that two persons sit on each of the four sides of the table facing the center. Persons sitting on opposite sides are exactly opposite to each other.

D faces North and sits exactly opposite to H

E is to the immediate left of H.

A and G sit on the same side.

G is exactly opposite of B who is to the immediate right of C.

A is next to the left of D.

| <u>61</u> . | Who is sitting opposite of A ? |  |   |                       |   |   |
|-------------|--------------------------------|--|---|-----------------------|---|---|
|             | a.                             | G  |   | b.                    | D   | 1 |
|             | c.                             | Е  |   | d.                    | None of the above   |   |
| 60          | W/h                            | - i  | to Die -                                  |                       | ning dimention 2  | 1 |
| 02.         | who                            | o is next                                    | toEincl                                   | OCK                   | wise direction ?  |   |
|             | a.                             | G  |   | b.                    | В   |   |
|             | c.                             | F  |   | d.                    | A or F  |   |
| 63.         | Which<br>both<br>with<br>pers  | ch of the<br>h the pe<br>n first pe<br>son ? | e following<br>ersons sitt<br>rson sittin | g pa<br>ting<br>Ig to | irs of persons has<br>on the same side<br>the right of second |   |
|             | a.                             | DF   |   | b.                    | CB  |   |

d.

AG

64. Who is sitting opposite to E?

- a. D b. A c. F d. A or D
- 65. Which of the following statements is definitely true ?
  - a. A is facing north
  - b. E is sitting opposite of F
  - c. F is to the left of G
  - d. C is to the left of A

**Directions for Q Nos. 66 to 70:** Answer the questions based on the following information.

The amount of money invested (in rupees crore) in the core infrastructure areas of two districts, X and Y of a state as follows:

| XI          | Distric | t      | Y District  |        |        |  |  |
|-------------|---------|--------|-------------|--------|--------|--|--|
| Core Area   | 1995    | 1996   | Core Area   | 1995   | 1996   |  |  |
| Electricity | 815.2   | 1054.2 | Electricity | 2065.8 | 2365.1 |  |  |
| Chemical    | 389.5   | 476.7  | Chemical    | 745.5  | 986.4  |  |  |
| Thermal     | 690.4   | 565.9  | Thermal     | 1232.7 | 1026.3 |  |  |
| Solar       | 468.1   | 589.6  | Solar       | 1363.5 | 1792.1 |  |  |
| Nuclear     | 617.9   | 803.1  | Nuclear     | 1674.3 | 2182.1 |  |  |
| Total       | 2981.1  | 3489.5 | Total       | 7081.6 | 8352.0 |  |  |

66. By what percent was the total investment in the two districts more in 1996 as compared to that in 1995 ?

| a. | 14 % | b. | 21 % |
|----|------|----|------|
| c. | 24 % | d. | 18 % |

67. Approximately how many times the total investment in X district was the total investment in Y district ?

b.

2.0

d. 1.7

c. 2.4
Space For Rough Work

a.

2.8

c.

FC

| 68. The investment in Electricity and Therma<br>Energy in 1995 in these two districts formed<br>what percent of the total investment made<br>in that year ?  | 72. If the raw material inventory on Day 0 was 73<br>units and the manager orders for 17, 53 and<br>86 units on the first, second and fourth day<br>respectively, when does he need to order |
|--|--|
| a. 41 % b. 47 %  | next?  |
| c. 52 % d. 55 %  | a. 10th day b. 11th day  |
| 69. In Y district, the investment in which area<br>in 1996 showed the least percent increase<br>over the investment in that area in 1995.  | <ul> <li>c. 13th day</li> <li>d. 14th day</li> <li>73. If the raw material supplier starts acting</li> </ul>   |
| a. Electricity b. Chemical   | fishy and delays his supplies by 48 hours,   |
| c. Solar d. Nuclear  | starting inventory on day 0 is 163 units and<br>an order is placed on the morning of day 7 ?   |
| 70. If the total investment in Y district shows the same rate of increase in 1997, as it had shown from 1995 to 1996, what appropriately   | a. None b. Day 8   |
| would be the total investment in Y district in<br>1997 (in Rs. crore) ?  | c. Day 9 d. Day 10   |
| a. 9,850 b. 10,000<br>c. 9,170 d. 8,540  | <ul> <li>74. If the cost of placing an order is Rs. 650/ per order, determine the minimum cost incurred in Q 72 if we consider the whole cycle of 15 days.</li> </ul>                        |
| <b>Directions for Q Nos. 71 to 75:</b> The table shows<br>the raw material requirements for a crank-shaft<br>machining line of a major automobile<br>manufacturer located in western India   | a. Rs. 1,950 b. Rs. 650  |
| <b>Raw material requirement (Units)</b>  | c. Rs. 2,600 d. Rs. 3,250  |
| Day       1       2       3       4       5       6       7       8       9       10       11       12       13       14       15         Units       50       25       30       20       5       6       2       10       15       20       25       10       5       20       10 |  |
| The company policy requires that adequate raw<br>material has to be maintained at least a day in<br>advance.   | 75. If the daily pilferage is 5 units, find the minimum number of units to be ordered through the whole cycle if we start with an inventory on Day 0 of 100 units? (Assume                   |
| 71. If the raw material inventory on Day 0 was<br>165 units, the manager requires to place   | that we end with zero inventory)   |
| an order latest by which day ?   | a. 290 D. 153  |
| a. Stri D. 9th   | c. 75 d. 228   |
| c. 10th d. 11th  | Dough Work   |

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#### SECTION - D TEST OF MATHEMATICAL SKILLS

- 76. Rajdhani Express leaves Mumbai towards Delhi at 3.10 p.m. and travels uniformly at 120 kmph. August Kranti Express leaves Delhi towards Mumbai at 12.20 p.m. and travels uniformly at 80 kmph. Both trains cross at Baroda at 4.30 p.m. On a particular day, Rajdhani Express leaves at 3.20 p.m. when will the two trains cross ?
  - a. 4.32 pm b. 4.36 pm

| c. | 4.28 pm | d. | 4.40 pr | n |
|----|---------|----|---------|---|
|    |         |    |         |   |

- 77. A line is drawn from top left corner to the bottom right corner of a rectangle ABCD making it into two triangles, Area 1 and 2. Then
  - a. area of 1 > area of 2
  - b. area of 1 < area of 2
  - c. area of 1 = area of 2
  - d. relationship depends upon the dimensions of the rectangle
- 78. A sum of money is sufficient to pay A's wages for 18 days and B's wages for 27 days. The money is sufficient to pay the wages of both for:
  - a.  $10\frac{4}{5}$  days b.  $11\frac{3}{5}$  days c.  $15\frac{1}{4}$  days d.  $24\frac{1}{2}$  days
- 79. Which of the following is the highest?

 $12^2 + 9^2$  b.  $13^2 + 8^2$ 

- 80. Which of the following statements is true ?
  - a.  $(8)^7 8$  is divisible by 7
  - b.  $(9)^{10} 9$  is divisible by 10
  - c.  $(10)^{11} 10$  is divisible by 10
  - d. None of the above
- 81. A single Badminton Tournament is held in which 20 men participate. It is a knock-out tournament, a player is eliminated as soon as he loses a match. How many matches should be played in the entire tournament?

| a. | 20 |  | b. | 19                |
|----|----|--|----|-------------------|
| c. | 10 |  | d. | None of the above |

82. A person who has a certain amount with him goes to the market. He can buy 50 oranges or 40 mangoes. He retains 10% of the amount for taxi fare and buys 20 mangoes, and of the balance he purchases oranges. The number of oranges he can purchase is

| a. | 36 | b. | 40 |
|----|----|----|----|
| c. | 15 | d. | 20 |

83. Two positive integers differ by 4 and the sum of their reciprocals is 10/21. One of the numbers is

| a. | 3 | b. | 1  |
|----|---|----|----|
| c. | 5 | d. | 21 |

84. Which one of the following cannot be the ratio of angles in a right angled triangle ?

| 2 - 2      | 4  | · · · · · · · · · · · · · · · · · · · | a. | 1:2:3                 | b. 1:1: | 1: 1: 3           |
|------------|----|---------------------------------------|----|-----------------------|---------|-------------------|
| 14 - + 7 - | a. | 15 - + 6 -                            | c. | 1: <mark>3</mark> : 6 | d.      | None of the above |

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a.

c.

85. A family consists of the father, mother, two sons and the youngest daughter. The age of the father is four times the age of the second son. The age of the first son is in the ratio of 3:1 with that of his sister. The mother is 3.5 times older than the second son. The age of the second son is 2/3 times of the first son. The age of the youngest daughter is 5 years. Find the sum of all ages.

| a. | 115 years | b. | 105 years |  |
|----|-----------|----|-----------|--|
| c. | 205 years | d. | 210 years |  |

86. A sum of money at simple interest amounts to Rs. 815 in 3 years and to Rs. 854 in 4 years. The sum is

| a. | Rs. 650 | b. | Rs. 690 |
|----|---------|----|---------|
| c. | Rs. 698 | d. | Rs. 700 |

87. How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5 % per annum of simple interest ?

| a. | 3.5 years | b. | 4 years |
|----|-----------|----|---------|
| c. | 4.5 years | d. | 5 years |

88. 1397 x 1397 = ?

| a. | 1951609  | b. | 1981709 |
|----|----------|----|---------|
| c. | 18362619 | d. | 2031719 |

89. Mr. X invested an amount of Rs. 13,900 divided in two different schemes A and B at the simple interest rate of 14% per annum and 11% per annum respectively. If the total amount of simple interest earned in 2 years be Rs. 3,508, what was the amount invested in Scheme B ?

a.Rs. 6,400b.Rs. 6,500c.Rs. 7,200d.Rs. 7,500

90. Find the remainder when  $2^{93}$  is divided by 7

| a. | 1 | b. | 2 |
|----|---|----|---|
| c. | 4 | d. | 6 |

**Directions for Q Nos. 91 to 95:** The table given below gives the number of days worked by employees of five grades A, B, C, D and E in different departments

| Grade | IT  | Software | HR  | Accounts |
|-------|-----|----------|-----|----------|
| А     | 310 | 312      | 315 | 330      |
| В     | 320 | 295      | 305 | 272      |
| С     | 300 | 322      | 317 | 300      |
| D     | 290 | 313      | 296 | 310      |
| Е     | 260 | 318      | 365 | 300      |

91. The number of days worked in HR department was highest for grade

| a. | Α | b. | E |
|----|---|----|---|
| c. | С | d. | D |

- 92. The grade which worked least in all departments is
  - a. Grade E in IT
  - b. Grade B in HR
  - c. Grade B in software
  - d. Grade D in IT

13240

93. What is the average of working days in IT department ?

| a. | 305 | 1.00 | b. | 300 |
|----|-----|------|----|-----|
| c. | 296 |      | d. | 292 |

94. If the average working hours in a day are 8, then the amount of work put in by Grade C is \_\_\_\_\_

b.

d.

12570

9912

00 c. 32600 Space For Rough Work

a.

95. If working hours in a day are 8, then average work done (in hours) by Grade A in four departments together is \_\_\_\_\_.

| a. | 1267 | b. | 2534 |
|----|------|----|------|
| c. | 2436 | d. | 1672 |

**Directions for Q Nos. 96 to 100:** Study the following pie charts carefully and answer the questions given below:

Year-wise break up of the number of candidates appeared for an entrance exam and year-wise break up of the number of candidates who cleared the entrance exam.

Total number of candidates appeared in the entrance exam from 2007 - 2012 = 256000.



Total number of students who cleared the entrance test from 2007 - 2012 = 32000



- 96. What was the ratio of the number of students appeared for the entrance exam in 2012 and the number of students who cleared the exam in 2007 respectively ?
  - a. 8:1 b. 36:5 c. 72:5 d. 18:10
- 97. The total number of students appeared in entrance exam from 2008 and 2011 was what percentage of number of students appeared for the entrance exam in 2009

| a. | 120 | b. | 150 |
|----|-----|----|-----|
| c. | 125 | d. | 80  |

98. Approximately what was the difference between the number of students who cleared the entrance exam in 2009 and number of students who cleared the entrance exam in 2007?

| a. | 960  | b. | 1920 |
|----|------|----|------|
| c. | 3200 | d. | 5120 |

99. For which year was the difference in the number of students selected to number of students appeared in entrance exam the maximum ?

| a. | 2007 | b. | 2008 |
|----|------|----|------|
| c. | 2009 | d. | 2010 |

100. Approximately what was the total number of students cleared the entrance exam in 2010 and 2009 together ?

| a. | 6400 | b. | 15200             |
|----|------|----|-------------------|
| c. | 7920 | d. | None of the above |

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