PARUL UNIVERSITY
FACULTY OF MANAGEMENT
BBA Summer 2018 - 19 Examination

Semester:4   Date: 27/04/2019
Subject Code: 06193257   Time: 10:30 am to 01:00 pm
Subject Name: CDC [Maths-English]   Total Marks: 60

Instructions
1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary. And calculator is not allowed
4. Start new question on new page.

Q.1 Do as Directed.

A).Multiple choice type questions/Fill in the blanks.   (Each of 1 mark)   (12)

1. Secretly is to openly as silently is to
   a) scarcely   c) noisily
   b) impolitely   d) quietly

2. Carpenter   saw   nails   pediatrician   stethoscope   ?
   a) thermometer   c) baby
   b) doctor   d) illness

3. If in a certain language CHAMPION is coded as HCMAIPNO, how can NEGATIVE be coded in that code?
   a) ENAGITEV   c) MGAETVIE
   b) NEAGVEIT   d) EGAITEVN

4. If FRIEND is coded as HUMJTK, how can CANDLE be written in that code?
   a) EDRIRL   c) ESJFME
   b) DCQHQK   d) FYOBOC

5. Find the missing term in the following series
BZA, DYC, FXE, ?, JVI
   a) HUG   c) UHG
   b) HWG   d) WHG
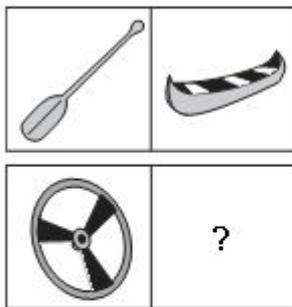
6.
   a)1   c)3
   b)2   d)4

7. 5863 × 9999
   a)58624137   c)58642137
   b)58624237   d)58642437

8. 7894 × 125
   a)986850   c)986750
   b)987850   d)988850

9. What is the area of a triangle having sides $3m, 4m$ and $5m$.

a) $5m^2$ c) $4m^2$

b) $6m^2$ d) $7m^2$

10. Find the Mean proportional between 48 and 12

    a) 26   c) 25

    b) 24   d) 23

11. Average of certain number is 46 if 6 is added in all the numbers then new average is

    a) 51   c) 52

    b) 53   d) 54

12. Write the formula for Compound Interest.

B).Define the following. (Each of 2 mark)   **(20)**

1. Square of 3333.
2. Multiply 68795×100001.
3. HCF of 3556, 3444.
4. Find the average of square of first 41 natural numbers.
5. At what interest rate per annum, in 4 years a sum of Rs.5000 will become 6000?
6. Find the compound interest on Rs.5000 for 2 years at 4% p.a.

Directions to Solve (Q. 7-8) (2 marks)

In each of the following questions find out the alternative which will replace the question mark. 7. Peacock : India :: Bear : ?

A.Australia   B.America   C.Russia   D.England

8. Conference : Chairman :: Newspaper : ?

A.Reporter   B.Distributor   C.Printer   D.Editor

Directions to Solve (Q. 9-10) (2 marks)

In each of the following questions you are given a combination of alphabets and/or numbers followed by four alternatives (1), (2), (3) and (4). Choose the alternative which is closely resembles the *mirror image* of the given combination.

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ANS43Q12
(1) ƧИА34ОГS      (2) S1ОƐ4ƧИА
(3) SИА34ОS1      (4) 1SО4Ɛ4ИS
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TARAIN1014A
(1) A4101ИIAЯAT    (2) A1014ИIAЯAT
(3) A101ATAЯAIИ    (4) A4101ИIAЯAT
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Directions to Solve (Q. 11-12) (2 marks)
In each of the following questions you are given a combination of alphabets and/or numbers followed by four alternatives (1), (2), (3) and (4). Choose the alternative which is closely resembles the *water image* of the given combination

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GR98AP76ES
(1) GЯ68АР19ES    (2) GЯ88АР19ES
(3) GЯ88АР19ES    (4) GЯ88АР19ES
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E8t4e9C
(1) Э8t4ө9Ɔ        (2) E8t4ө9Ɔ
(3) Э8t4ө9C        (4) E8t4ө9Ɔ
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Directions to Solve (Q. 13,14)(2 marks)
In each of the following problems, a square transparent sheet (X) with a pattern is given. Figure out from amongst the four alternatives as to how the patter would appear when the transparent sheet is folded at the dotted line.

14.

(X)   (A)   (B)   (C)   (D)

15.

(X)   (A)   (B)   (C)   (D)
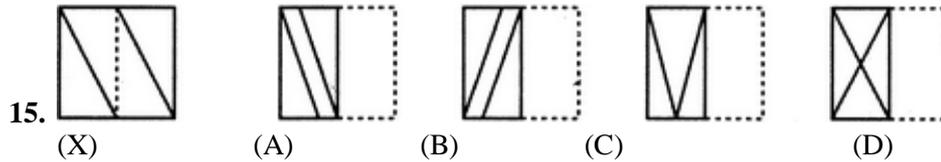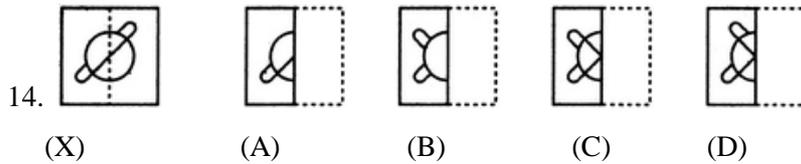
Q.2 Solve the following . (Each of 4 mark)   **(28)**

1. Find the HCF of 9499, 2553.

2. Difference between Rational and Irrational numbers, and describe Real numbers.

3. Find the Mean, Median and Mode for

X	0	1	2	3	4	5	6
Y	3	20	25	15	8	3	1

4. Two sides of a triangular field are $85m$ and $154\square$ respectively and its parameter is $324\square$.The cost of ploughing the fields at the rate of 10Rs per $\square^2$, Then find the total cost for ploughing the entire field.

5. How many small cubes of sides $5\square\square$ can be cut from a cubical block of edge$20\square\square$.

Answer for 6 to 9.

Read the passage and answer the following questions with appropriate option given

Harold a professional man who had worked in an office for many years had a fearful dream. In it, he found himself in a land where small slug-like animals with slimy tentacles lived on people's bodies. The people tolerated the loathsome creatures because after many years they grew into elephants which then became the nation's system of transport, carrying everyone wherever he wanted to go. Harold suddenly realised that he himself was covered with these things, and he woke up screaming. In a vivid sequence of pictures this dream dramatised for Harold what he had never been able to put in to words; he saw himself as letting society feed on his body in his early years so that it would carry him when he retired. He later threw off the "security bug" and took up freelance work.

6. In his dream Harold found the loathsome creatures
    a) in his village   c) in his own house
    b) in a different land   d) in his office

7. Which one of the following phrases best helps to bring out the precise meaning of 'loathsome creatures'?
    a) Security bug and slimy tentacles   c) Fearful dream and slug-like animals
    b) Slimy tentacles and slug-like animals   d) slug-like animals and security bug

8. The statement that 'he later threw off the security bug' means that
    a) Harold succeeded in overcoming the   c) Harold stopped giving much importance to
    need for security   dreams
    b) Harold started tolerating social   d) Harold killed all the bugs troubled him

9 Harold's dream was fearful because
    a) it brought him face to face with reality   c) it was full of vivid pictures of snakes
    b) he saw huge elephant in it   d) in it he saw slimy creatures feeding on people's

Answer for 10-13

10. $P_5QR, P_4QS, P_3QT,$ _____ , P_1QV

A. PQW   B. PQV$_2$
C. P$_2$QU   D. PQ$_3$U

11. What kind of preparation should you undertake before going to an interview?

A. About the job you are applying for   B. About the company

C. About the culture   D. All of the above

12. What body language and presentation skills will serve you well in an interview?

A. Firm handshake   B. Speaking clearly
C. Maintaining eye contact
                                          D. All of the above

13. What strategy is recommended when this is your first job?

A. Use concrete examples from   B. Explain why the company's training program
schoolwork, projects, and internships to will be
show your stuff   important

C. Say how much you want and need the   D. Talk about your uncle, who owns the company
job