1. Write an essay of 100 - 150 words on any one of the following topics: 15
   (i) Quaid-e-Azam Mohammad Ali Jinnah.
   (ii) The Holy Prophet.
   (iii) My Best Teacher.

2. Write a story with the Moral “A friend in need is a friend in deed”. 10
   OR
   Write a letter to your father asking him to send some money for hostel dues.

3. Do as directed: 10
   a. Do you take medicine? (Change into Past Indefinite)
   b. Have all the children paid the fee for three months? (Change into negative)
   c. I have not been waiting for you for two hours. (Change into Past Perfect continuous)
   d. Postman is delivering the letter. (Change into interrogative)
   e. They do not waste their time. (Change into present continuous)

4. Change into Passive Voice: 10
   (i) The gardener is plucking flowers.
   (ii) We have not finished work.
   (iii) These children had not seen a lion before.
   (iv) He did not accept my application.
   (v) The boys were not making a noise.

5. Change the narrations: 10
   (i) He said to me, “knock at the door”.
   (ii) He said to me, “do you tell a lie”.
   (iii) I say to him, “i am faithful”.
   (iv) He said, “let us go out for a walk”.
   (v) He says to me, “i am tired”.

6. Fill in the blanks: 10
   (i) There are many dark clouds ________ the city.
   (ii) The train went ________ the dark tunnel.
   (iii) He ________ for Karachi in the morning.
   (iv) Aslam meets some ________ his friends.
   (v) Good climate has ________ effect on human life.
7. Make meaningful sentences differentiating the pairs.
   a) Heart, Hart
   b) Way, Whey
   c) Crowd, Crowed
   d) Wandered, Wondered
   e) Wales, Vales

8. Translate into Urdu:
   We can control the pollution in our houses by using gas in place of petrol and oil. We should also grow more and more trees. Cutting of trees should not be allowed. Throwing of waste in the rivers should be checked by the Health Department. The World Environment day is observed on fifth of June every year, throughout the world.

9. Read the passage carefully and answer the questions at the End. Your answer must be to the point.

   “For three years, the master and his relatives lived in this valley. Many of the Muslims too joined them. All supplies to the valley were cut off. The Makkans say to it that no food or drink reached the Banu Hashim. The poor Banu Hashim had to live on the leaves and roots of trees and bushes. The condition of children was particularly pitiable. At last some kind hearted Makkans took pity on Banu Hashim. They tore to pieces the agreement hanging in the Kaaba. The hunger-stricken Banu Hashim were thus able to come back to their homes.”

   a) Who lived for three years in the valley?  b) Who joined the master and his relatives?  c) What did the Makkans do?  d) How did the Banu Hashim live?  e) Who took pity on Banu Hashim?

10. Translate into English.

(1) 
(2) 
(3) 
(4) 
(5)
<table>
<thead>
<tr>
<th>سوال</th>
<th>مضمون</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>1. ہر زمرے کی کتاب میں کہا ہے کہ پھلوؤں بچے کے بیوی نے میں نے 30 سال کے ہوئے۔</td>
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<tr>
<td>10</td>
<td>2. دائرہ کے میں نے کہا ہے کہ انسان نے میں نے کہا ہے 50 سال کے ہوئے۔</td>
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<tr>
<td>5</td>
<td>3. ہر زمرے کی کتاب میں کہا ہے کہ جب کہ وہ بچے کے بیوی بھی ہوئے۔</td>
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<tr>
<td>10</td>
<td>4. دائرہ کے میں نے کہا ہے کہ انسان نے میں نے کہا ہے 100 سال کے ہوئے۔</td>
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<tr>
<td>5</td>
<td>5. ہر زمرے کی کتاب میں کہا ہے کہ جب کہ وہ بچے کے بیوی بھی ہوئے۔</td>
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<tr>
<td>10</td>
<td>6. دائرہ کے میں نے کہا ہے کہ انسان نے میں نے کہا ہے 150 سال کے ہوئے۔</td>
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<td>5</td>
<td>7. ہر زمرے کی کتاب میں کہا ہے کہ جب کہ وہ بچے کے بیوی بھی ہوئے۔</td>
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</table>
سوالات 8۔ 10:
سؤالات مربوطہ مواد کے ملاحظات

سؤالات 9۔ 10:
سؤالات مربوطہ مواد کے ملاحظات

سؤالات 11۔ 12:
سؤالات مربوطہ مواد کے ملاحظات
Paper Mathematics

Entrance Examination 2012 (2nd Entry)

(For English Medium Only)

Total Marks: 100

Time Allowed: 90 Minutes

Note: Attempt All Questions.

Use of Calculator & Protractor is not allowed.

Cutting and erasing in Question No. 1 is not allowed

Q. 1.

a. Write true or false.

i. If \( \sqrt{9} \), 9 is Radicand.
ii. \( \sqrt{3} \) is a rational number
iii. If \( 3x - 3 = 1 \) Then \( x = 1 \)
iv. The Degree of polynomial \( x^2y + x^3y + 3 \) is 5

b. Fill in the Blanks.

i) \( \left[ \frac{-3}{2} \right] + \left[ \frac{-1}{2} \right] = \left[ \frac{-1}{2} \right] + \square \)
ii) If \( \frac{x}{y} = \frac{3}{4} \) and \( x = 24 \) Then \( y = \) .................
iii) \( (x^2 + 1)x \) ................. = \( 3x^2 + x + 5 \)
iv) Circumference of a Circle when Radius "r" = .................

c. Select the correct Answer

i) The radius of Circle is 21 cm, its diameter is
   \( (a) \) 145 cm \hspace{1cm} \( (b) \) 42 cm \hspace{1cm} \( (c) \) 3.5 cm

ii) \( \left[ \frac{-6}{5} \right] \div \left[ \frac{-4}{5} \right] \) is equal to:
   \( (a) \) \( \frac{-2}{3} \) \hspace{1cm} \( (b) \) \( \frac{-3}{2} \) \hspace{1cm} \( (c) \) \( \frac{+2}{3} \) \hspace{1cm} \( (d) \) \( \frac{+3}{2} \)

iii) The expression \( \frac{x + \frac{y}{4}}{3} \) can be written as:
   \( (a) \) \( \frac{12x + 12y}{12} \) \hspace{1cm} \( (b) \) \( \frac{4x + 3y}{12} \) \hspace{1cm} \( (c) \) \( \frac{4y + 3x}{12} \) \hspace{1cm} \( (d) \) \( \frac{4y + 3x}{12} \)

iv) \( x = 18, r : 8 = 6 : y \) Then \( y : x = \)
   \( (a) \) 1 : 3 \hspace{1cm} \( (b) \) 19 : 6 \hspace{1cm} \( (c) \) 9 : 12 \hspace{1cm} \( (d) \) 3 : 1
Q. 2. \( Z = \{0 \pm 1, \pm 2, \pm 3, \pm 4 \pm 3\} \) and \( Z = \{-1, -2, -3, -4, -5\} \)

Verify the commutative properties of Union and intersection.

Q. 3. Area of the square field is equal to the area of a rectangle whose length and breadth are 243m and 27m respectively. Find the length of one side of square.

Q. 4. Sadiq and Ijaz started a business with the investment of Rs. 16000 each. After six months Ifikhar also joined them with the investment of Rs. 2000. At the end of the year what will be the share of each in the profit of Rs. 4200.

Q. 5. Verify the Distributive property.

\[ (-3) \times \{(+2) + (-5)\} = (-3) \times (+2) + (-3) \times (-5) \]

Q. 6. The Ratio of Diameter to Radius is 2 : 1 for any Circle while the Ratio of Diameter to circumference is 7 : 22. Find the continued Ratio of Diameter, Radius and circumference.

Q. 7. Find the area of Trapezium shaped field whose parallel sides are 50m and 70m long and the distance between them is 30m.

Q. 8. Adeeb spent 40% of his income on Food, 35% on utility Bills 10% on Clothing and 15% he saved. Represent the details of his expenditure and saving on pie graph.

End
پرچم ایشی
(2nd Entry) راولپنڈی 2012

100 میٹر

لائٹنگ

(الف) (ب) (گ) 

(ب) 

(د) 

8

8

$\left[\frac{-3}{2}\right] + \left[\frac{-1}{2}\right] = \left[\frac{-1}{2}\right] + □$

\[ x = \frac{24}{7}; \quad x : y = 3 : 4 \] (ii) \[ (x^2 + 1) \cdots \cdots = 3x^2 + x + 5 \] (iii)

(ب) "r" کا مقصد کیا ہے؟

(د) 

(اف) (ب) (گ) 

(ب) 

(د) 

$\left[\frac{-6}{5}\right] + \left[\frac{-4}{5}\right]$ (i)

\[ \frac{4x + 3y}{12} \quad \frac{4y + 3x}{12} \quad \frac{4x + 3y}{12} \] (ب) 

\[ \frac{12x + 12y}{12} \] (ب) 

\[ y : z = 6 : r \quad r = 18 \] (b) 

3 : 1 (د) 

9 : 12 (د) 

19 : 6 (د) 

1 : 5 (د)
سٽالٽ ۱: یہ جمیعت اعداد کا صورت ہے جو اعداد کا مجموعہ کی ہے۔

\[ Z = \{ 0 \pm 1, \pm 2, \pm 3, \pm 4 \pm 3 \} \]

سٽالٽ ۲: اگر مجموعہ \( A \) کے سdíکے مجموعہ کی ہے جو 243 اعداد کا مجموعہ ہے۔

سٽالٽ ۳: مجموعہ \( A \) کے اعداد میں 22 اعداد ہیں۔

سٽالٽ ۴: جمیعہ اعداد کا تعداد 160000 ہے۔

سٽالٽ ۵: \( (-3) \pm (+2) = (-3) \pm (+2) \times (-5) \)

سٽالٽ ۶: دو عدد کے اعداد میں 3:1 مزید ہے۔

سٽالٽ ۷: اکثر کے اعداد کا تعداد 10 ہے۔

سٽالٽ ۸: اعداد کے اعداد میں 40% کارکان، 35% کارکان میں ہے اور 10% اکثر کا اعداد ہیں۔