Q. 1 Write an Essay of 100-150 words on any one of the following topics:
   i) My Ambition
   ii) A Visit to Zoo
   iii) Cricket Match

Q. 2 Write a Story with the Moral “Greed is a Curse”
   OR
   Write a letter to your Mother who is worried about your health.

Q. 3 Do as directed
   a) I had been waiting for you since noon.
   b) You were combing your hair.
   c) Who swept the room?
   d) The Aeroplane will land at the Airport at 4 O’ Clock.
   e) Why am I turned out of the house?

Q. 4 Change into Passive voice
   i. I do not punish him.
   ii. Saeed did not teach them English.
   iii. I shall invite him.
   iv. You take bath daily.
   v. Is he reciting the Holy Quran?

Q. 5 Change the narrations:
   a) He said to her, “I live in this building”.
   b) He said to me, “Do you agree with me”?  
   c) She says, “I hope I am not late”.
   d) The Teacher said, “Do not make a noise”
   e) The stranger said, “Which is the way to the Zoo.”

Q. 6 Fill in the Blanks:
   i. He is junior ______ me.
   ii. I am thankful ______ you.
   iii. The Police did not ______ the thief.
   iv. He is eligible ______ this post.
   v. I was not allowed to sit ______ the Examination.

Q. 7 Make meaningful sentences differentiating the pairs:
   a) Born, Borne
   b) Birth, Berth
   c) Dairy, Dairy
   d) Defer, Differ
   e) Dose, Doze
Q. 8 Translate the following in to Urdu.

(a). During Sikh period this place was occupied by Sardar Mehtab Singh and Sardar Mohun Singh. Later on it became a place of the Muslims, Hindus and Sikh. Jundiala Sher Khan is more famous for the works of the Punjab Saint and poet, Waris Shah. He wrote legendary tale of Heer Ranjha.

Q. 9 Read the passage carefully and answer the Questions at the end. Your answer must be to the point.

"The word ‘mass’ means a large quantity. Communication means transmission or exchange of ideas and information. Every day we come across newspapers, magazines and books. We read them to get new information and ideas. These things enable us to think, plan and make improvements in our lives. They provide all sorts of information related to society, culture and politics. Since Ancient Times written words have been the best source of exchanging ideas and information. We use to write letters in the past and we do so even today.

i. What does the word ‘mass’ means?
ii. From which different sources do we get ideas and information?
iii. What can the literate people do?
iv. What the literate people cannot do?
v. What is a most modern way of sending a massage or information?

Q. 10 Translation in to English.

钟声催醒每个希望

1980年3月14日，伊斯坦布尔的

我听到教堂的钟声，

作者：

(Author's name:)

Date: 14 March 1980

Location: Istanbul
<table>
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**سوال #: 5**

(i) 
(ii) 
(iii) 
(iv) 
(v)

**سوال #: 6**

(1) 
(2) 
(3) 
(4) 
(5) 
(6) 
(7) 
(8) 
(9) 
(10)
سوالات محنت 8

(1) صحیح (2) غلط (3) ناپیدا (4) چاپ کنی (5) فاصلہ

سوالات محنت 9

(1) صحیح (2) غلط (3) ناپیدا (4) چاپ کنی (5) فاصلہ

سوالات محنت 10

(1) صحیح (2) غلط (3) ناپیدا (4) چاپ کنی (5) فاصلہ

خواص اسلامیات

سوالات محنت 11

(1) صحیح (2) غلط (3) ناپیدا (4) چاپ کنی (5) فاصلہ

سوالات محنت 12

(1) صحیح (2) غلط (3) ناپیدا (4) چاپ کنی (5) فاصلہ
پہلی پر备案

سوال 1:

(ب) کم کلیٹر کا کم کلیٹر

(4) $\frac{22}{7}$

(5) $x^2 + 1$

(6) $3x^3 + x + 5$

(7) $\frac{1}{100}$

(8) (i) $\left[-2 - \frac{3}{4}\right] \div \left[4 + \frac{4}{11}\right]$

(ii) $\sqrt{\frac{7}{9}}$

(9) $\frac{4}{3}$, $\frac{5}{3}$, $\frac{3}{5}$, $\frac{4}{5}$

کل کرم 100

وقت: 90 دقیقے
(a) \( \frac{12x + 12y}{12} \)
(b) \( \frac{4x + 3y}{12} \)
(c) \( \frac{4y + 3y}{12} \)
(d) \( 4x + 3y \)

\[ z = \{0, \pm 1, \pm 2, \pm 3, \pm 4, \pm 5\} \]
\[ x = \{-1, -2, -3, -4, -5\} \]

12. \[ \text{Solution:} \quad 5800 \text{ kg} \]

12. \[ \text{Solution:} \quad 4 \text{ kg} \]

8. \( m\overline{PQ} = 3 \text{ cm}, \quad m\overline{QR} = 5 \text{ cm}, \quad m\overline{PR} = 7 \text{ cm} \)

\[ \pi = \frac{22}{7} \]

8. \[ \overrightarrow{CQ} = \overrightarrow{CQ} \]

\[ \text{The End} \]
Paper Mathematics
Entrance Examination 2014 (4th Entry)
(For English Medium Only)

Total Marks: 100
Time Allowed: 90 Minutes

Note: Attempt All Questions.
   i) Use of Calculator & Protractor is not allowed.
   ii) Cutting and Erasing in Question No. 1 is not allowed.

Q. 1.

a. Write true or false.
   i. \(2 \in \{2, 4, 6, 8, 10\}\)
   ii. \((-a) \times (-b) = (-b) = + (a)\)
   iii. 4 is the square root of 16
   iv. The ratio between circumference and diameter of a circle \(\frac{22}{7}\)

b. Fill in the Blanks.
   i) Volume of cylinder =
   ii) \(x^2 + 1 + \_ \_ \_ = 3x^2 + x + 5\)
   iii) A man saves 25% of his income if he spends Rs. 3600. His income is=

   iv) Loss percentage = \(\frac{\text{purchase price}}{}\times 100\)

c. Select the correct Answer
   i) \(\begin{bmatrix} -2 & 3 \\ 4 & 11 \end{bmatrix} + \begin{bmatrix} 4 \\ 11 \end{bmatrix}\) is equal to
      \[(a) -1 \quad (b) +1 \quad (c) + \frac{121}{16} \quad (d) - \frac{121}{16}\]
   ii) \(\sqrt{2 + \frac{7}{9}}\) is equal to
      \[(a) \frac{4}{3} \quad (b) \frac{5}{3} \quad (c) \frac{3}{5} \quad (d) \frac{4}{5}\]
   iii) If in a population 40% are women the central angle of the sector showing them on a pie graph will be
       \[(a) 150^\circ \quad (b) 144^\circ \quad (c) 120^\circ \quad (d) 180^\circ\]
   iv) The expression \(\frac{x}{3} + \frac{y}{4}\) can be written as
       \[(a) \frac{12x + 12y}{12} \quad (b) \frac{4x + 3y}{12} \quad (c) \frac{4y + 3x}{12} \quad (d) 4x + 3y\]
Q. 2. Verify the commutative properties of Union and intersection for the following

\[ z = \{0, 1, 2, 3, 4, 5\} \quad \varepsilon = \{-1, -2, -3, -4, -5\} \]

Q. 3. Distribute Rs 5800 among Furqan, Faryal and Umar Khayam in such a way that if Furqan gets 2 parts then Faryal gets 3 parts Faryal get 4 parts then Umar Khayam should get 3 parts.

Q. 4. The ratio of measurement of two angles A & B of a triangle is 2 : 3 whereas the ratio of measurements of angle C and angle B is 1 : 3 calculate the measurement of each angle of the triangle.

Q. 5. Find the cost of floor of trapezium shaped room at the rate of Rs 50 per square meter whose length of parallel sides are 15m and 12m and length of perpendicular distance is 10m.

Q. 6. Verify distributive property

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

Q. 7. Find the cost of planting grass in a round park of radius 21 cm at the rate of Rs 20 per dm² if \( \pi = \frac{22}{7} \).

Q. 8. Construct a parallelogram PQRS if

\[ m\overline{PQ} = 3\text{ cm}, \quad m\overline{QP} = 5\text{ cm}, \quad m\overline{PR} = 7\text{ cm} \]