**Q. (1-5): Study the given table carefully to answer the following questions.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Field Name** | **Shape** | **Side (in m)** | **Base (in m)** | **Height (in m)** | **Radius (in m)** | **Cost of flooring (in Rs. per sq. metre)** | **Cost of fencing (in Rs. per m)** |
| A | Triangle |  | 16 | 12 |  | 50 | 20 |
| B | Rectangle | 10 × 20 |  |  |  | 30 | 15 |
| C | Square | 15 |  |  |  | 40 | 18 |
| D | Parallelogram |  | 20 | 12 |  | 60 | 25 |
| E | Circle |  |  |  | 10 | 45 | 22 |

**Q1. What is the cost of flooring of A?**
a) Rs.4000
b) Rs.4600
c) Rs.4800
d) Rs.5000
e) Rs.4400

**Q2.What is the difference between the cost of fencing of C and that of B?**
a) Rs.180
b) Rs.120
c) Rs.240
d) Rs.360
e) Rs.480

**Q3. What is the ratio of the cost of flooring to that of fencing of field D?**
a) 4 : 1
b) 6 : 1
c) 8 : 1
d) 9 : 1
e) 5 : 1

**Q4. The cost of fencing of field E is approximately what percent of the cost of flooring of field C?**
a) 10.5%
b) 19.46%
c) 18.71%
d) 15.36%
e) 13.82%

**Q5. The cost of fencing of field C is what percent of the cost of fencing of field D?**
a) 87.54%
b) 67.5%
c) 72.13%
d) 54.36%
e) 46.5%

**Directions (1-5): Study the following the pie-chart and table carefully to answer the questions given below:**

The following pie-chart shows the distribution of the monthly family budget of a person.



The following table shows the further distribution (in percent) of the above-mentioned items among the five family members i.e P (the person himself), W (his wife), Rahul (son), Rohit (son), and Preeti (his daughter). His monthly family budget is Rs. 1,20,000

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Education** | **Food** | **Entertainment** | **Travelling** | **Other expenses** |
| P | 10 | 30 | 10 | 40 | 20 |
| W | 15 | 25 | 30 | 10 | 25 |
| Rahul | 40 | 20 | 20 | 25 | 20 |
| Rohit | 25 | 15 | 25 | 10 | 10 |
| Preeti | 10 | 10 | 15 | 15 | 25 |

**1. What is the average expenses of P?**

1. Rs. 5620

2. Other than the given options

3. Rs. 5640

4. Rs. 5460

5. Rs. 5480

**2. What is the approximate percentage increase in the amount Which Rahul enjoys for entertainment as compared to Preeti for the same?**

1. 33%

2. 31%
3. Other than the given options

4. 37%
5. 35%

**3. The average expenses of Rohit is approximately what percent of the average expenses of W (Wife)?**

1. 76.4%

2. 81.5%
3. 79.5%
4. 83.5%

5. Other than the given options

**4. Find the difference (in percentage of the budget) between the average expenses of Education and the average expenses on Entertainment of the couple?**

1. 1.3%
2. 0.9%
3. 2%
4. Other than the given options

5. 2.5%

**5. The total amount spent by Rahul on Travelling and Food is approximately what percent of the total amount spent by Preeti on Education and Food?**

1. Other than the given options

2. 168%
3. 171%

4. 175%
5. 174%