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NTA NET Paper 1 25 Sept 2020 Morning Shift Part 3 (Download PDF)

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NTA NET Paper 1 25 Sept 2020 Morning Shift

Start passage

Comprehension:

Consider the data in the given table and answer the questions that follow

The following table is on the Expenditures of Institution (in lakh Rupees) per annum over the given years

	Heads of Expenditure (in lakhs)				
Year	Salary of Staff	Transport	Bonuses	Interest on loan	Taxes
2015	288	98	3	23.4	83
2016	342	112	2.52	32.5	108
2017	324	101	3.84	41.6	74
2018	336	133	3.68	36.4	88
2019	420	14	3.96	49.4	98

the Following Table is on the Expenditures of Institution (in Lakh Rupees) Per Annum over the Given Years

Q. 31 What is the average amount of interest per year that the institution had to pay?

1.30. 50

2.36. 66

3.39. 66

4.41. 02

Answer: 3

Q. 32 The total amount of bonus paid by the institution during the given period is approximately what percent of the total amount of salary paid during this period?

1. ~3 96
2. ~4%
3. ~7 %
4. ~1%

Answer: 3

Q. 33 Total expenditure on all these items in 2015 was approximately what per cent of the total expenditure in 2019?

- 1.84. 63 %
- 2.58 %
- 3.91 %
- 4.73 96

Answer: 1

Q 34. The total expenditure of the institution on these items during the year 2017 is

- 1.624. 6
- 2.524. 44
- 3.544. 44
- 4.591. 41

Answer: 1

Q. 35 The ratio between the expenditure on taxes for the years 2016 and 2018, is approximately

- 1.17: 11
- 2.27: 22
- 3.31: 27
- 4.19: 17

Answer: 3

End passage

Q. 36 Which of the following was NOT an issue to be addressed under Millenium Development Goals?

1. Child mortality
2. Environmental sustainability
3. Human rights
4. Primary education

Answer: 3

Q. 37 Given below are two statements, one is labelled as **Assertion A** and the other is labelled as

Reason R

Assertion A: Total number of mobile users in India is increasing rapidly

Reason R: The cost of the mobile is decreasing

In light of the above statements, choose the most appropriate answer from the options given below

1. Both A and R are correct and R is the correct explanation of A
2. Both A and R are correct but R is NOT the correct explanation of A
3. A is correct but R is not correct
4. A is not correct but R is correct

Answer: 4

Q. 38 Identify the correct sequence of countries in decreasing order of their contributions to per capita emissions of carbon dioxide emissions at present

- A. India
- B. China
- C. USA
- D. Japan

Choose the correct answer from the options given below

1. C, D, B, A

2. B, C, A D

3. D, B, C, A

4. C, B, D, A

Answer: 1

Q. 39 What is the binary number for decimal number 9?

1.1100

2.1001

3.0111

4.1011

Answer:

Q. 40 Day time noise standard prescribed for residential areas in India is

1.75 dB

2.65 dB

3.55 dB

4.50 dB

Answer: 2

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Q. 41 Which type of memory holds the computer startup routine?

1. RAM

2. WAN

3. ROM

4. Cache

Answer: 2

Q. 42 Rashtriya Uchchar Shiksha Abhiyan (RUSA), a Centrally Sponsored Scheme aiming at providing strategic funding to eligible state higher educational institutions, was launched in

1.2010

2.2011

3.2012

4.2013

Answer: 1

Q. 43 Given below are two statements, one is labelled as **Assertion A** and the other is labelled as

Reason R

Assertion A: In the contemporary environmental discourse, small hydropower plants are preferred over large hydropower plants

Reason R: Installation of a small hydropower plant is less capital intensive compared to a large hydropower plant

In light of the above statements, choose the most appropriate answer from the options given below

1. Both A and R are correct and R is the correct explanation of A
2. Both A and R are correct but R is NOT the correct explanation of A
3. A is correct but R is not correct
4. A is not correct but R is correct

Answer: 2

Q 44. What is the full form of the abbreviation IoT?

1. International Office of Tourism
2. Internet of Things
3. Internet of Think
4. Instrument of Telecommunication

Answer: 3

Q. 45 Takshashila, an ancient centre for higher learning in India, was declared as a heritage site by the UNESCO in

1.1980

2.1982

3.1984

4.1986

Answer: 3

Q. 46 Which of the following statements best describe value education?

- A. It is a course in moral science
- B. It talks about rewards and punishments for one's own actions
- C. Students observe and imitate adult behaviours, particularly that of their parents
- D. Students investigate and explore their own inner self
- E. It encourages students to fix their place in their life

Choose the correct answer from the options given below:

- 1. A, B and C only
- 2. B, C and D only
- 3. C, D and E only
- 4. A, D and E only

Answer: 3

Q 47. The phenomenon of ozone depletion is caused by

- A. Volatile chlorinated hydrocarbons
- B. Emissions from thermal power plants
- C. Combustion of urban waste
- D. Excessive use of nitrogen-containing fertilizers

Choose the correct answer from the options given below:

- 1. A, B and D only
- 2. A and D only
- 3. A, B and C only
- 4. A, C and D only

Answer: 3

Q. 48 The file extension of Microsoft (MS) Word document in office 2007 is

1. . docx

2. . png

3. . doc

4. . jpg

Answer: 2

Q. 49 Match List I with List II

List I	List II
ICT Initiatives of Ministry of Human Resource Development	Their benefits for students and researchers
A. SWAYAM	I. To get hands-on experience in embedded system
B. SWAYAMPRAKHA	II. To get free books and curriculum-based e-content
C. e-PG Pathshala	III. To watch high-quality educational programmes 24 × 7
D. e-Yantra	IV. To earn credits through online courses
<i>Match List I with List II</i>	

Choose the correct answer from the options given below:

1. A-III, B-IV, C-I, D-II

2. A-IV, B-III, C-II, D-I

3. A-II, B-I, C-IV, D-III

4. A-I, B-II, C-III, D-IV

Answer: 2

Q. 50 Gross Enrolment Ratio (GER) in higher education is the total enrolment in higher education, regardless of age expressed as a percentage to the eligible official population in a given school year. Which of the following age groups explain the eligible official population in this regard?

1. 16 - 21 years

2. 17 - 22 years

3.18 - 23 years

4.19 - 24 years

Answer: 2

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