



ALL INDIA MOCK TEST - 2017

GENERAL STUDIES – PAPER – II (EXPLANATIONS)

1. **Ans: (D)**

Explanation:

The passage describes how earlier doctors didn't accept vaccination but people ended up trying it out of desperation. Keeping this sentiment in mind, we can see that the correct option is option (d).

2. **Ans: (B)**

Explanation:

Some of the vaccines were impure and were harmful. We get a little hint regarding this question from the line ‘..some of the 'vacca' used by Jenner were not pure and some harms were done; but when supplies of pure vaccine were available..’. The closest option to this line is option (b).

3. **Ans: (B)**

Explanation:

In the second line it is stated that “dread of smallpox was in everybody's heart”. So, the correct answer becomes option (b).

English Comprehension



4. **Ans: (A)**

5. **Ans: (C)**

6. **Ans: (a)**

7. **Ans: (c)**

Explanation:

In the end of the passage it is stated that the author is discussing control over sense organs. The closest option that we have is option (c).

8. **Ans: (A)**

Explanation:

As a consequence of good thoughts and good impressions, we can control are Indriyas or sense organs. The answer can be derived from the last line of the passage.

9. **Ans: (C)**

Explanation:

The tortoise and its shell are used to illustrate a man and his character, so breaking the shell would equate to destroying man's character.



10. Ans: (A)

Explanation:

Let the C.P of the horse be Rs. x, then C.P of the carriage =Rs (3000-x)

$(20\% \text{ of } x) - (10\% \text{ of } (3000-x)) = 2\% \text{ of } 3000 \Rightarrow x/5 - (3000-x)/10 = 60 \Rightarrow 2x -$

$3000 + x = 600 \Rightarrow 3x + 3600 \Rightarrow x = 1200 \Rightarrow$ hence, C.P of the horse = Rs 1200

11. Ans: (C)

Explanation:

Let the correct time to complete the journey be x min.

Distance covered in (x + 11) min.

= Distance covered in (x + 5) min at 50 kmph

$\therefore (x+11)/60 * 40 = (x+5)/60 * 50$

$\Rightarrow x = 19 \text{ min.}$

12. Ans: (C)

Explanation:

Let the original price per egg be Rs. x.

Then increased price will be = $\left(\frac{130}{100} x\right)$

$$\Rightarrow \frac{7.80}{x} - \frac{7.80}{\frac{130}{100}x} = 3$$

$$\Rightarrow \frac{7.80}{x} - \frac{7.80}{130x} = 3$$

$$\Rightarrow 390x = 234$$

$$\Rightarrow x = 0.6$$

Actual price was Rs. 0.6

Present price per dozen will be Rs. $\left(12 * \frac{130}{100} * 0.6\right) = \text{Rs. } 9.36$

13. Ans: (D)

Explanation:

The Passage mentions that climate change would lead increasingly to the wildlife woes over the next three decades. **Hence statement 1 is incorrect.** Passage mentions that plants, animals and insects as the start of the sixth great species wipe out in the Earth's history, **Hence statements 2 is incorrect.** Passage mentions that the last wipeout was of the dinosaur which was fifth species wipeout. **Hence statement 3 is incorrect.**

14. Ans: (C)

Explanation:

Passage mentions that climate change led to extinction. **Hence statement 1 is incorrect.** Passage does not mention anything about the political instability and its direct relationship with species extinction. **Hence statement 2 is incorrect.** Passage mentions that World biodiversity has declined by almost one third in the past 35 years due mainly to habitat loss and the wildlife trade. **Hence statements 3 and 4 are correct.**



15. Ans: (D)

Explanation:

Passage mentions that the scarcity of land is forcing changes in land use and agro-practices resulting in the disappearance of habitat which harbor the wild progenitors/ weedy forms of our basic food plants. **Hence statement 1 is incorrect.** Passage mentions that genetic diversity is being replaced with a relatively small number of varieties bred for high yield and other adaptations necessary for high input agriculture. **Hence statement 2 is incorrect.**

16. Ans: (A)

Explanation:

Passage mentions that landraces and folk varieties of indigenous and peasant agriculture have been the genetic reservoir for the plant breeder in crop improvement.

Hence statements 1 and 2 are correct. Passage does not mention about the need of water for these varieties. **Hence statement 3 is incorrect.**

17. Ans: (C)

Explanation:

Passage discussed about the role of climate change in biodiversity and emphasises that genetic diversity should be preserved to conserve the biodiversity. **Hence option "c" is more appropriate**

18. Ans: (B)

19. Ans: (C)

20. Ans: (D)

21. Ans: (B)

22. Ans: (C)

23. Ans: (C)

Explanation:

Passage mentions that the problem of unemployment gets intensified when one considers shifting surplus manpower from agriculture to other economic activities. **Hence statement 1 is correct.** Passage mentions that despite its population of more than 1.21 billion India suffers from manpower deficiency, mainly due to absence of required skills among the vast majority of its workforce. **Hence statement 2 is incorrect.** And statement 4 is correct. Passage mentions that India's spectacular growth performance in recent years has attracted the attention of researchers, analysts and policy makers around the globe. Hence statement 3 is correct.





24. Ans: (B)

Explanation:

Passage mentions that that Skill shortage can really hurt India's growth prospects. The so called demographic dividends can wither away very fast if 'young India' is not represented by people with right skills. Hence skill development is necessary for reaping the benefits of demographic dividend.

It does not mention about the functional literacy. **Hence statement 1 is incorrect and statement 2 is correct**

25. Ans: (C)

Explanation:

Passage mentions that India has to create ample employment opportunities for a vast population having low or no skills which can be done only through rapid economic development. **Hence option "a" is correct.** Passage mentions that the problem of unemployment gets intensified when one considers shifting surplus manpower from agriculture to other economic activities. **Hence option "b" is correct.**

26. Ans: (A)

Explanation:

Passage mentions that only 2% of existing workforce in India has skill training and Skill shortage can really hurt India's growth prospects. Hence it is a major hurdle in economic development of the country. **Hence option "a" is more appropriate.**

27. Ans: (B)

28. Ans: (C)

29. Ans: (D)

30. Ans: (A)

31. Ans: (A)

Explanation:

Passage mentions that In India, the relevance of railways as the prime low cost carrier of goods and passengers over long distances is, therefore, bound to continue forever. **Hence option "a" is correct.**

32. Ans: (D)

Explanation:

Passage mentions that railway served the colonial interests of the British in the first 94 years of its existence. **Hence statement 1 is incorrect.** Passage mentions that, Indian Railways have emerged, since Independence, as the main vehicle for socio-economic development of free India. **Hence statement 2 is incorrect.** Passage mentions that railways are today entrusted with the



indispensable task of fulfilling the country's transport needs, particularly in respect of long distance passenger and good traffic. **Hence statement 3 is incorrect.**

33. Ans: (A)

Explanation:

Passage mentions that Indian Railways every day, transporting in their wagons every conceivable commodity, from steel to cement, coal to petroleum, fertilizers to fodder and food grains to fruits.

Hence option "a" is correct. Passage does not mention of rich and poor classes.

34. Ans: (C)

Explanation:

Passage mentions that Energy efficiency of rail transport is six times that of road transport and many more times that of air transport. And use electric power mostly. **Hence both statements 1 and 2 is correct.** Passage mentions that indispensability of railways also extends to the suburban traffic at India's major cities. **Hence statement 3 is correct**

35. Ans: (D)

Explanation:

None of the above inferences is mentioned.

36. Ans: (C)

Explanation :

Zero or more bananas can be selected in $4 + 1 = 5$ ways (0 orange, 1 orange, 2 orange, 3 orange and 4 orange)

similarly apples can be selected in $7 + 1 = 8$ ways

and mangoes in $6 + 1 = 7$ ways

so total number of ways = $5 * 8 * 7 = 280$

but we included a case of 0 orange, 0 apple and 0 mangoes, so we have to subtract this, so $280 - 1 = 279$ ways

37. Ans: (D)

38. Ans: (D)

39. Ans: (A)

40. Ans: (A)

41. Ans: (B)

42. Ans: (D)

Explanation:

Passage mentions that the charter of the United Nations declares equal dignity and worth of human person-all types of human rights, civil, political, economic, social and cultural and does not include religious rights. **Hence statement 1 is incorrect.** Gandhi had an aim to establish a



political society in India in which there would be no distinction between people to high and low classes and in which women would enjoy the same rights as men. **Hence statement 2 is incorrect**

43. Ans: (D)

Explanation:

Passage mentions that to make this de-jure equality into a defacto one, many policies and programmes were put into action from time to time, besides enacting/ enforcing special legislations, in favour of women. **Hence all statements are correct.**

44. Ans: (B)

Explanation:

Passage mentions that The Constitution (73 and 74 Amendments) Act 1992 provides that not less than one third (including the number of seats reserved for women belonging to the Scheduled Castes

and Scheduled Tribes) of the total number of seats to be filled by direct election in every Panchayat

and Municipality shall be reserved for women. **Hence statement 1 is incorrect.** Passage mentions that Rights and privileges of women found its best expression in the Constitution of India, covering Fundamental Rights and the Directive Principles of state Policy. **Hence statement 2 is correct**

45. Ans: (A)

Explanation:

Passage mentions that The important policies which have vital implications for the women are National Policy for Empowerment of Women 2001 and others relating to population, health, nutrition,

education, agriculture, industry, forest, water, housing, credit, science and technology, media, etc.

Hence statements 1 2, and 3 are correct and statement 4 is incorrect.

46. Ans: (B)

Explanation:

Passage discussed about the various provisions included in constitution of India and in the UN charter related to women empowerment. **Hence option "b" is more appropriate.**

47. Ans: (D)

Explanation:

Let distance = X km and usual rate = Y kmph.

$$\text{Then, } \frac{X}{Y} - \frac{X}{Y+3} = \frac{40}{60} \Rightarrow 2Y(Y+3) = 9X \dots (i)$$

$$\text{And, } \frac{X}{Y-2} - \frac{X}{Y} = \frac{40}{60} \Rightarrow Y(Y-2) = 3X \dots (ii)$$

On dividing (i) by (ii), we get; X=40

48. Ans: (A)

Explanation:

Let the duration of the flight be X hours.



$$\begin{aligned} \text{Then, } \frac{600}{X} - \frac{600}{X + \left(\frac{1}{2}\right)} &= 200 \\ \Rightarrow \frac{600}{X} - \frac{1200}{2X+1} &= 200 \\ \Rightarrow X(2X+1) &= 3 \\ \Rightarrow 2X^2 + X - 3 &= 0 \\ \Rightarrow (2X+3)(X-1) &= 0 \\ \Rightarrow X &= 1 \text{ hr. (neglecting the -ve value of X)} \end{aligned}$$

49. Ans: (C)

50. Ans: (A)

Explanation:

length of the train=160m

length of the platform=140 m.

Sol: Let the length of the train be x meters and length of the platform be y meters.

Speed of the train relative to man=(54-6) kmph =48 kmph.

=(48*5/18) m/sec =40/3 m/sec.

In passing a man, the train covers its own length with relative speed.

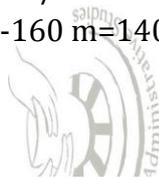
Therefore, length of the train=(Relative speed *Time)

=(40/3 * 12) m =160 m.

Also, speed of the train=(54 * 5/18) m/sec=15 m/sec.

Therefore, $x+y/2xy=20$ or $x+y=300$ or $y=(300-160 \text{ m})=140 \text{ m}$.

Therefore, Length of the platform=140 m



51. Ans: (B)

Explanation:

Since the person who is telling has no brother or sister, so his father son is he himself. So the man in the photograph is his son.

52. Ans: (C)

Explanation:

The answer can be found in lines ' Climate change is at best a symptom.....something that's gone awry in our body'

53. Ans: (C)

Explanation:

The answer can be derived from the lines: The eco-panel will source inputs from more than 2000 natural and social scientists the world over. Put simply, the Earth will go through the equivalent of a thorough physical, so that biological, economic and social information can be collated to help scientists arrive at a final diagnosis.



54. **Ans: (C)**

Explanation:

The passage highlights some of the environmental problems and goes on to explain that these problems are mere symptoms of some bigger problem. That is why, there is a need to have a comprehensive planetary health check so that the damage can be assessed and corrective measure can be taken. This concern has led to the formation of Eco-panel. So, the answer is option (C).

55. **Ans: (B)**

Explanation:

The passage has highlighted some environmental problems and has focused on the need to look beyond these symptomatic problems and address the main issue. So, the tone of the passage is informative, option (B).

56. **Ans: (D)**

Explanation:

Only two candidates are eligible for the post of Principal. The Principal can be selected in 2 ways. All candidates are eligible for the Post of Vice — Principal \therefore Any two of the remaining five candidates after the Principal is selected can be selected as the Vice — Principals. The first Vice — Principal can be selected in five ways. The second Vice — Principal can be selected out of the remaining four in four ways. Number of ways in which the Vice — Principals can be selected $\frac{5 \times 4}{2} = 10$ (The division by 2 two is in order to avoid repetition). Number of possible combinations of selectees = $(2) (10) = 20$. Choice (d)

57. **Ans: (D)**

Explanation:

25% adults in city B have 'others' as their profession. This may include engineers. Moreover, since the total number of adults in the two cities is not available, the total number of teachers, politicians and engineers in the two cities can't be compared anyways.

58. **Ans: (C)**

Explanation:

Total number of teachers in city A = (Number of politicians/percentage of politicians)*percentage of teachers = $(400/10)*15 = 600$

59. **Ans: (B)**

Explanation:

- The graph represents the jobs of "all" the adults in the cities, i.e. no adult is unemployed. And since the sum of percentage of jobs of all the adults in city A is 100%, there is no possibility of any overlap. Thus there are no adults with more than one job in city A.
- However, the sum of percentage of jobs of all the adults in city B is 110%. This can only happen when some of the adults have more than one job.



60. **Ans: (D)**

Explanation:

Since any data about city B is not given, the total number of engineers in these two cities can't be calculated.

61. **Ans: (C)**

Explanation:

Answer can be inferred from lines 'Yet, every year, the vast majority of companies invest a large amount of money in marketing actions without knowing what their financial worth to the company or likely return will be'. All the other options are factually incorrect according to information given in the passage.

62. **Ans: (A)**

Explanation:

The answer can be inferred from lines: 'Companies often avoid planning marketing procedures in detail because of the effort needed to express their forward policy in a written form. Managers commonly consider that their time is too valuable to spend on anything other than urgent operational problems'. So, option A is the answer.

63. **Ans: (A)**

Explanation:

The answer can be inferred from lines 'the marketing plan will contain sufficient details of the company's policy and operational strategy for the work to be done by an assistant.' As the many alternative courses of action are programmed, the assistant takes any actions or decisions which are appropriate. So, option (A) is the answer

64. **Ans: (A)**

Explanation:

Self

65. **Ans: (A)**

Explanation:

Self

66. **Ans: (A)**

Explanation:

Self

67. **Ans: (A)**

Explanation:

The whole passage talks about India as a nuclear power. All the other options can be seen in the passage but to qualify them as the main theme would be a very big mistake as they are very specific in nature and just find a mention in the passage and nothing more.



68. **Ans: (B)**

Explanation:

Refer to the quoted line of the first paragraph ‘..The Buddha smiled once way back in 1974 and he smiled five times on May 11, 1998 on the Buddha Pournima Day and May 13 when India's Prime...’; the answer becomes self-evident, which is option (b).

69. **Ans: (C)**

Explanation:

The answer can be derived from the line ‘..It is a pity that our non-violence has been mistaken by many as our weakness and many assume that India is a nation of weak-willed people..’ this line. So, option (c) becomes the obvious answer.

70. **Ans: (C)**

Explanation:

The answer can be taken from the concluding lines of the second paragraph. The lines are ‘..The decision of the government to go nuclear does not emanate from any kind of jingoism or sabre rattling mentality. It arises from the supreme concern to preserve the integrity of nation described by many of the detractors as a functioning anarchy..’ So, option (c) is the correct choice.

71. **Ans: (A)**

Explanation:

The answer can be found somewhere towards the end of the first paragraph and the lines are ‘.. that India is a nation of weak-willed people. Time and again, our leaders have reminded the world community that India has an inalienable right to defend its freedom, sovereignty and its ancient heritage and that it would take appropriate measures at the appropriate time to make its defence preparedness as strong as it could...’. So, option (a) is the apt choice.

72. **Ans: (C)**

Explanation:

Self

73. **Ans: (B)**

Explanation:

Riya’s shadow fell to her left i.e. towards East (as it was evening). So, Riya was facing South. As Priya had her back towards Riya, hence, Priya was facing North.

Choice (2).

74. **Ans: (D)**

Explanation: In first two positions of dice one common face containing 5 is same. Therefore, the face opposite to the face which contains 2 point, will contains 6 points.



75. Ans: (A)

Explanation:

Mr. Ramu's mother's father-in-law's only son is Ramu's father. Ramu's father's only daughter is Ramu's sister. Ramu's sister's son is Chetan. Hence, Ramu is uncle of Chetan.

76. Ans: (D)

Explanation:

The answer can be derived from the line '..Poor performers typically have a confusion of objectives, little financial autonomy or financial discipline, and no 'bottom line' measured by the customer satisfaction..'. So, all the statements are true, hence option (d) is correct.

77. Ans: (B)

Explanation:

This is a specific question type and can be taken directly from the quoted line of the passage '..Users and other stakeholders should be represented in the planning and regulation of infrastructure service..'. So, all the statements are true, hence option (d) is correct.

78. Ans: (B)

Explanation:

All the statements, other than option (b), can be traced from the passage. Option (b) is present in an incomplete way '.

79. Ans: (D)

80. Ans: (A)

Explanation:

$N \beta P \rightarrow N$ is the brother of P

$P - L \rightarrow P$ is the sister of L

$L + E \rightarrow L$ is the mother of E

$E - M \rightarrow E$ is the sister of M.

Hence, L is the mother of M, P is the maternal aunt of M and N is the maternal uncle of M.





Mains - 2017

Course	Batch	Time	Duration	Starts on
GS (MAINS)	Monday To Thursday	02:30pm to 08:00pm	3 Months	July 3 rd , 2017
Optional Sociology	Monday To Thursday	11:30am to 01:45pm	3½ Months	July 3 rd , 2017
Optional History	Monday To Thursday	11:30am to 01:45pm	3½ Months	July 3 rd , 2017
GS (MAINS) Test Batch	Sunday	07:30am to 01:30pm	18 Tests	July 9 th , 2017
Optional Sociology Test Batch	Friday	07:30am to 01:30pm	12 Tests	July 14 th , 2017
Optional History Test Batch	Friday	07:30am to 01:30pm	12 Tests	July 14 th , 2017
ESSAY	Friday & Saturday	10:30am to 01:00pm	3 Months	July 15 th , 2017

Admission Starts on 19.06.2017

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