



GOVT. OF NCT OF DELHI
Delhi Subordinate Services Selection Board
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Participant ID	AVNISH SHARMA
Participant Name	TELEGRAM- @TEACHINGEXAM
Test Center Name	Titiksha public school
Test Date	16/03/2022
Test Time	12:30 PM - 2:30 PM
Subject	Assistant Teacher (Primary)

Section : Mental Ability

Q.1 In a certain code language, 'CHAPTER' is written as 'EKEUZLZ'. What is the code for 'STUDENT' in that code language?

- Ans ☒ A. UWYIKUB
☒ B. UWYILVB
☒ C. UWYIKUA
☒ D. UWYILUB

Question ID : 1034354055

Q.2 In the following question, select the missing number from the given series.
4, 12, 48, 240, 1440, ?

- Ans ☒ A. 10800
☒ B. 10880
☒ C. 10080
☒ D. 18800

Question ID : 1034354061

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Q.3 If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?



Ans

☒ A.



☒ B.



☒ C.



☒ D.



Question ID : 1034354068

Q.4 Six persons P, Q, R, S, T and U sit in row facing towards the north (not necessarily in the same order). Q sits fourth to the right of S. One person sits between P and Q. Three persons sit between R and T. R sits to the immediate left of P. How many persons sit between T and U?

Ans

☒ A. One

☒ B. Four

☒ C. Three

☒ D. Two

Question ID : 1034354056

Q.5 A series is given with one term wrong. Select that wrong term from the given alternatives.
PX281, SB317, VF343, YJ389, BN425, ER461

Ans

☒ A. SB317

☒ B. VF343

☒ C. YJ389

☒ D. ER461

Question ID : 1034354051

- Q.6 Seven persons A, B, C, D, E, F and G are of different heights. The height of A is the third lowest. The height of only two persons is between the heights of A and D. The height of E is less than the height of G. The height of A is less than the height of B. The height of only two persons is more than the height of F. The height of C is more than the height of B. Which of the following statement is correct?
I. The height of C is the highest.
II. The height of E is not the lowest.

Ans ☒ A. Only II
☒ B. Neither I nor II
☒ C. Only I
☒ D. Both I and II

Question ID : 1034354057

- Q.7 In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

24	18	12
6	14	9
8	7	?
72	116	48

Ans ☒ A. 6
☒ B. 4
☒ C. 9
☒ D. 3

Question ID : 1034354062

- Q.8 'P * Q' means 'P is the mother of Q', 'P < Q' means 'P is the brother of Q', 'P > Q' means 'P is the sister of Q', 'P = Q' means 'P is the father of Q', 'P + Q' means 'P is the son of Q', 'P @ Q' means 'P is the daughter of Q'. Which of the following expression represents F as the father of A?

Ans ☒ A. $A * B @ C < D + E + F$
☒ B. $A @ B * C < D > E + F$
☒ C. $A * B @ C + D > E = F$
☒ D. $A @ B = C > D + E * F$

Question ID : 1034354058

- Q.9 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

I. All P are Q.

II. Some P are C.

Conclusions:

I. Some Q are C.

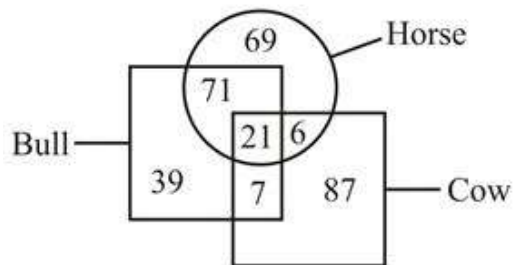
II. Some P are not C.

Ans ☒ A. Both conclusions I and II follows
☒ B. Only conclusion I follows
☒ C. Neither conclusion follows
☒ D. Only conclusion II follows

Question ID : 1034354059

Q.10 Based on the given venn diagram, which of the following statement(s) is/are correct?

- I. The number of horses who are not cow is 161.
II. The number of bulls who are cow is 7.



- Ans ☒ A. Both I and II
☒ B. Only I
☒ C. Neither I nor II
☒ D. Only II

Question ID : 1034354064

Q.11 In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

- I. All A are P.
II. Some P are T.
III. Some T are S.

Conclusions:

- I. Some P are S.
II. Some A are T.
III. Some P are not S.

- Ans ☒ A. Only conclusion III follows
☒ B. Only conclusion II follows
☒ C. Neither conclusion follows
☒ D. Only conclusion I follows

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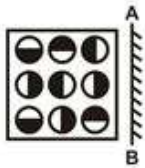
Question ID : 1034354060

Q.12 Point A is 60 metre to the west of point C. Point B is 40 metre to the north of point C. Point C is 50 metre to the north of point D. Point B is 30 metre to the east of point E. Point F is 80 metre to the south of point E. How far and in which direction is point A from point F?

- Ans ☒ A. 50 metre, South-east
☒ B. 70 metre, North-west
☒ C. 50 metre, North-west
☒ D. 70 metre, South-east

Question ID : 1034354066

Q.13 If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?



Ans

☒ A.



☒ B.



☒ C.



☒ D.



Question ID : 1034354069

Q.14 In the following question, select the related words from the given alternatives.
Car : Road :: Submarine : ?

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Ans ☒ A. Track

☒ B. Air

☒ C. Water

☒ D. Road

Question ID : 1034354053

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Q.15 In the following question, select the figure which can be placed at the sign of question mark (?) from the given alternatives.

#	A	B	#	C	B	?	#	A
B	C	C	A	A	#		B	C

Ans

☒ A.

A	C
B	#

☒ B.

A	C
#	B

☒ C.

C	A
#	B

☒ D.

A	C
#	B

Question ID : 1034354067

Q.16 In the following question, four letter pairs are given. The letters on left side of (–) is related to the letters on the right side of (–) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

- Ans ☒ A. PQ – QS
☒ B. AN – BP
☒ C. LF – MG
☒ D. CJ – DL

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Question ID : 1034354052

Q.17 A series is given with one term wrong. Select that wrong term from the given alternatives.
LJ, GM, BP, WT, RV, MY

- Ans ☒ A. MY
☒ B. BP
☒ C. WT
☒ D. RV

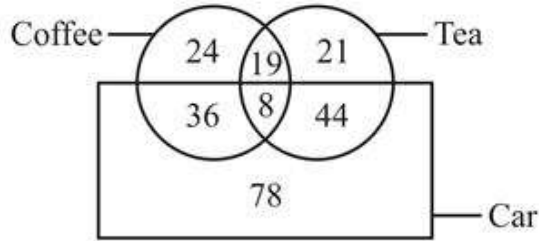
Question ID : 1034354050

Q.18 One morning, A and B are standing in front of each other. If the shadow of A is formed behind him, then in which direction is B facing?

- Ans ☒ A. South
☒ B. North
☒ C. East
☒ D. West

Question ID : 1034354065

Q.19 How many cars are tea?



Ans ☒ A. 52

☐ B. 8

☐ C. 130

☐ D. 44

Question ID : 1034354063

Q.20 In the following question, a group of letters is given. The letters of each group are related with the letters of the same group by some Logic/Rule/Relation. From the given alternatives, select a group of letters which follows the same Logic/Rule/Relation. (LQ, PM, TI)

Ans ☐ A. (PF, JB, HX)

☒ B. (ND, RZ, VV)

☐ C. (ZB, VW, RT)

☐ D. (UX, YB, CE)

Question ID : 1034354054

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Section : General Awareness

Q.1 The rate at which the Reserve Bank is ready to buy or rediscount bills of exchange or other commercial papers is called _____.

Ans ☐ A. Cash reserve ratio

☐ B. Repo rate

☐ C. Reverse repo rate

☒ D. Bank rate

Question ID : 1034354072

Q.2 Which of the following statement is correct?

I. Magnetic field has both direction and magnitude.

II. The magnetic field inside a long straight solenoid-carrying current is same at all the points.

Ans ☐ A. Neither I nor II

☐ B. Only II

☒ C. Both I and II

☐ D. Only I

Question ID : 1034354076

Q.3 Who is the author of the book "My Life in Full : Work, Family and Our Future"?

- Ans ☒ A. Sanjay Baru
☒ B. Indra Nooyi
☒ C. Samir Soni
☒ D. Namit Arora

Question ID : 1034354084

Q.4 Which of the following statement is correct?

- I. Cultivation of maize requires moderate temperature, rainfall and lots of sunshine.
 II. Plantations are a type of commercial farming.

- Ans ☒ A. Both I and II
☒ B. Neither I nor II
☒ C. Only I
☒ D. Only II

Question ID : 1034354079

Q.5 'Deodhar Trophy' is associated with which sports?

- Ans ☒ A. Tennis
☒ B. Football
☒ C. Table Tennis
☒ D. Cricket

Question ID : 1034354088

Q.6 The image formed by a convex mirror is _____ and _____.

- Ans ☒ A. Real, inverted
☒ B. Real, erect
☒ C. Virtual, Erect
☒ D. Virtual, inverted

Question ID : 1034354075

Q.7 In which year Aurangzeb died?

- Ans ☒ A. 1705
☒ B. 1707
☒ C. 1712
☒ D. 1710

Question ID : 1034354081

Q.8 Which of the following statement is correct?

- I. Hindustani and Carnatic are the two systems of classic music.
II. Vedic was the oldest music, which possessed a grammar.

- Ans ☒ A. Only II
☒ B. Only I
☒ C. Neither I nor II
☒ D. Both I and II

Question ID : 1034354071

Q.9 The largest inhabited riverine island is located on _____ river.

- Ans ☒ A. Ganga
☒ B. Indus
☒ C. Brahmaputra
☒ D. Godavari

Question ID : 1034354077

Q.10 Who will remain as attorney general of India till June 30, 2022?

- Ans ☒ A. Shri Manoj Kumar
☒ B. Shri Girish Chandra Murmu
☒ C. Mukul Rohatgi
☒ D. K.K. Venugopal

Question ID : 1034354083

Q.11 'Nongkrem dance' festival is celebrated in which state of India?

- Ans ☒ A. Meghalaya
☒ B. Manipur
☒ C. Mizoram
☒ D. Assam

Question ID : 1034354070

Q.12 Which of the following statement is correct?

- I. In 1801, a subsidiary alliance was imposed on Awadh.
II. Bahadur Shah Zafar died in the Rangoon Jail in November 1862.

- Ans ☒ A. Both I and II
☒ B. Neither I nor II
☒ C. Only II
☒ D. Only I

Question ID : 1034354082

Q.13 In which year Babur defeated Rana Sanga at Khanua?

- Ans ☒ A. 1529
☒ B. 1528
☒ C. 1526
☒ D. 1527

Question ID : 1034354080

Q.14 Who has won the French Open 2021 Womens single title?

- Ans ☒ A. Barbora Krejickova
☒ B. Simona Halep
☒ C. Anastasia Pavlyuchenkova
☒ D. Karolina Pliskova

Question ID : 1034354089

Q.15 Which of the following river is also called 'Dakshin Ganga'?

- Ans ☒ A. Krishna
☒ B. Godavari
☒ C. Tapi
☒ D. Mahanadi

Question ID : 1034354078

Q.16 Which article of Indian constitution is related to the superintendence, direction and control of election to be vested in an election commission?

- Ans ☒ A. 318
☒ B. 322
☒ C. 320
☒ D. 324

Question ID : 1034354087

Q.17 Which of the following is called amphibians of the plant kingdom?

- Ans ☒ A. Gymnosperms
☒ B. Bryophyta
☒ C. Pteridophyta
☒ D. Thallophyta

Question ID : 1034354074

Q.18 'Kayakalp Award' is conferred by which ministry?

- Ans ☒ A. Ministry of women and child development
☒ B. Ministry of agriculture and farmer welfare
☒ C. Ministry of education
☒ D. Ministry of health and family welfare

Question ID : 1034354085

Q.19 Which of the following statement is correct regarding features of a perfectly competitive market?

- I. The market consists of a large number of buyers and sellers.
II. Entry into the market as well as exit from the market are free for firms.

Ans ☒ A. Only II
☒ B. Both I and II
☒ C. Only I
☒ D. Neither I nor II

Question ID : 1034354073

Q.20 Which article of Indian constitution is related to the defination of fundamental rights?

Ans ☒ A. 12
☒ B. 10
☒ C. 14
☒ D. 16

Question ID : 1034354086

Section : Arithmetic Ability

Q.1 What is the digit at the unit place $57^{98} \times 35^{25} \times 33^{96}$?

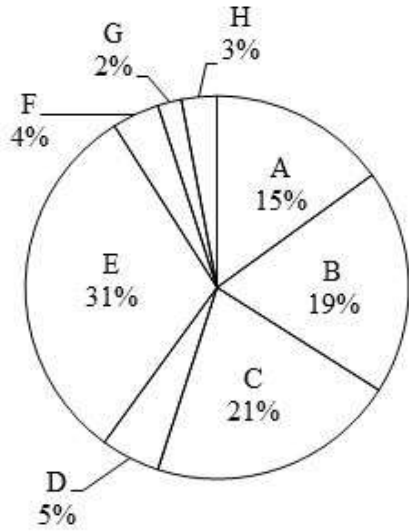
Ans ☒ A. 4
☒ B. 6
☒ C. 5
☒ D. 7

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Question ID : 1034354094

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Q.2 The pie chart given below shows the production of coffee by 8 different states. The total production of coffee by all states is 20000. The production of coffee by a particular state is shown as a percent of total production of coffee by all these 8 states.



J1 = The average production of coffee by states A, D, F and G.
 J2 = The sum of the production of coffee by states B, C and H.
 What is the value of (J2 – J1)?

- Ans ☒ A. 7300
☒ B. 7400
☒ C. 7200
☒ D. 7500

Question ID : 1034354107

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Q.3 If price of sugar is decreased by 20 percent, then a person can buy 20 kg sugar more for Rs. 2500. What will be the new price of the sugar per kg?

- Ans ☒ A. Rs. 30
☒ B. Rs. 50
☒ C. Rs. 12.5
☒ D. Rs. 25

Question ID : 1034354097

Q.4 What is value of $(104 \div 26 \times 5) + 8 \times 2 - 6$?

- Ans ☒ A. 25
☒ B. 35
☒ C. 36
☒ D. 30

Question ID : 1034354090

Q.5 Area of rhombus is 252 cm^2 . If length of the one of its diagonal is 14 cm, then what is the length of other diagonal?

- Ans ☒ A. 36 cm
☒ B. 24 cm
☒ C. 18 cm
☒ D. 12 cm

Question ID : 1034354105

Q.6 In an exam, 75 percent of the total number of appeared students passed. If 5050 students failed, then what is the total number of students appeared in the exam?

- Ans ☒ A. 20220
☒ B. 20020
☒ C. 22200
☒ D. 20200

Question ID : 1034354096

Q.7 If the value of $\frac{1}{3}$ of $\frac{1}{5}$ of a number is 8, then what is the value of $\frac{1}{5}$ of that number?

- Ans ☒ A. 25
☒ B. 30
☒ C. 28
☒ D. 24

Question ID : 1034354097

Q.8 If a number Y587X is exactly divisible by 90, then what is the value of $Y - X$?

- Ans ☒ A. 7
☒ B. 3
☒ C. 5
☒ D. 4

Question ID : 1034354092

Q.9 What is the average of the first 9 multiples of 9?

- Ans ☒ A. 35
☒ B. 46
☒ C. 45
☒ D. 40

Question ID : 1034354095

Q.10 What will be the simple interest on a principal of Rs. 1240 for 2 years at the rate of 10 percent per annum?

- Ans ☒ A. Rs. 328
☒ B. Rs. 496
☒ C. Rs. 228
☒ D. Rs. 248

Question ID : 1034354101

Q.11 90 trees are planted in a straight line such that distance between any two consecutive trees is same. A bus travelling with the speed of 54 km/hr takes 30 seconds to reach from first tree to seventh tree. What is the distance between the 11th tree and 46th tree?

- Ans ☒ A. 2575 metres
☒ B. 2475 metres
☒ C. 2625 metres
☒ D. 2750 metres

Question ID : 1034354103

Q.12 Area of a circle is 1848 cm^2 . Circumference of this circle is equal to the length of the longest rod that can be placed in a cube. What is the total surface area of the cube?

- Ans ☒ A. 64256 cm^2
☒ B. 52422 cm^2
☒ C. 54548 cm^2
☒ D. 46464 cm^2

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Question ID : 1034354106

Q.13 A 480 metres long train takes 24 seconds to pass an stationary man. What is the speed of the train?

- Ans ☒ A. 54 km/hr
☒ B. 64 km/hr
☒ C. 72 km/hr
☒ D. 60 km/hr

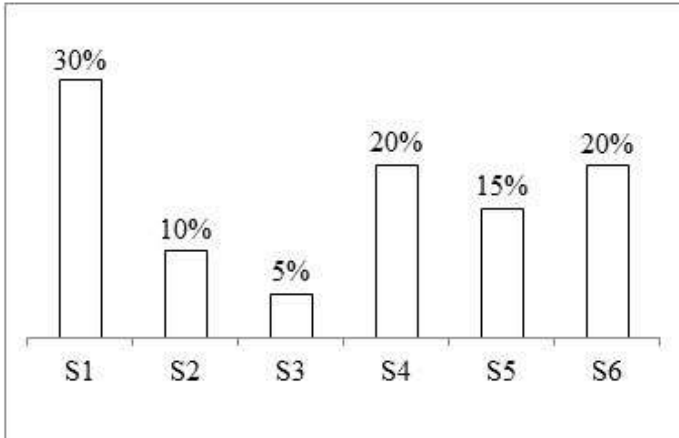
Question ID : 1034354102

Q.14 Profit obtained on selling an article for Rs. 500 is equal to the loss incurred on selling that article for Rs. 400. If selling price is Rs. 350, then what will be the loss percentage?

- Ans ☒ A. 20 percent
☒ B. 16.66 percent
☒ C. 22.22 percent
☒ D. 18 percent

Question ID : 1034354098

Q.15 The bar graph given below shows the number of pens sold by 6 shopkeepers. Number of pens sold by a particular shopkeeper is shown as a percent of total number of pens sold by all these 6 shopkeepers.

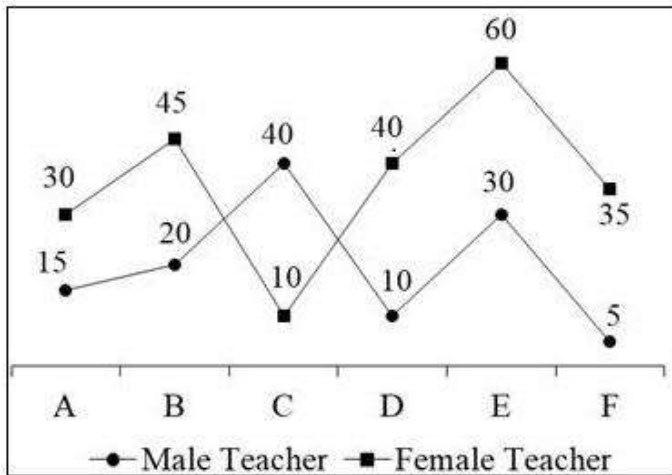


If the total number of pens sold by all shopkeepers is 600, then what is the number of pens sold by S1?

- Ans
- ☒ A. 160
 - ☒ B. 200
 - ☒ C. 180
 - ☒ D. 120

Question ID : 1034354108

Q.16 The line chart given below shows the number of adults and children in 6 different villages.



Which of the following statement is correct?

- I. The total number of adults are 130 percent of the total number of children in the all 6 villages.
- II. The ratio of average number of adults in villages V2 and V3 to the average number of children in villages V4 and V5 is 14 : 23.

- Ans
- ☒ A. Both I and II
 - ☒ B. Only II
 - ☒ C. Only I
 - ☒ D. Neither I nor II

Question ID : 1034354109

Q.17 The ratio of three numbers is 2 : 3 : 5. If their product is 810, then what is the sum of the three numbers?

- Ans ☒ A. 30
☒ B. 50
☒ C. 20
☒ D. 40

Question ID : 1034354099

Q.18 The product of two numbers is 216 and the sum of their squares is 468. What is the sum of the number?

- Ans ☒ A. 38
☒ B. 30
☒ C. 36
☒ D. 32

Question ID : 1034354093

Q.19 A work was finished by A, B and C together. A and B together finished 30 percent part of the work and B and C together finished 80 percent part of the work. Who among the three is most efficient?

- Ans ☒ A. C
☒ B. A
☒ C. All are equal
☒ D. B

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Question ID : 1034354104

Q.20 72 kg of an alloy A is mixed with 70 kg of alloy B to get a new alloy. If alloy A has zinc and copper in the ratio 3 : 6 respectively and alloy B has zinc and copper in ratio 4 : 3 respectively, then what is the weight of zinc in the new alloy?

- Ans ☒ A. 44 kg
☒ B. 78 kg
☒ C. 64 kg
☒ D. 84 kg

Question ID : 1034354100

Section : General English

Q.1 In the given question, four words are given out of which one word is correctly spelt. Choose the correctly spelt word.

- Ans ☒ A. Unposessed
☒ B. Unposessed
☒ C. Unposessed
☒ D. Unposessed

Question ID : 1034354121

Q.2 Choose the word that can substitute the given sentence.
One who studies families

- Ans ☒ A. Anthropologist
☒ B. Genealogist
☒ C. Conchologist
☒ D. Anthologist

Question ID : 1034354124

Q.3 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
To give the gun

- Ans ☒ A. To accelerate
☒ B. To intimidate someone
☒ C. To deceive someone
☒ D. To threaten somebody with a weapon

Question ID : 1034354123

Q.4 Rearrange the parts of the sentence in correct order.
Trenches were dug all over
P: On which we lived
Q: Japanese Air-raids and there were several
R: Along the length of the road
S: New Delhi in the anticipation of

- Ans ☒ A. SRQP
☒ B. RSQP
☒ C. QRSP
☒ D. SQRP

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Question ID : 1034354116

Q.5 Choose the word that means the same as the given word.
Strict

- Ans ☒ A. Lavish
☒ B. Prodigal
☒ C. Deplorable
☒ D. Austere

Question ID : 1034354118

Q.6 Rearrange the parts of the sentence in correct order.
P: But to read nothing but books of fiction is like eating nothing but cakes.
Q: There are many noble books on history, biography, philosophy etc.
R: For this we can choose according to our taste.
S: As we need plain food for the body so we must have serious reading.

- Ans ☒ A. SRPQ
☒ B. SPRQ
☒ C. PSRQ
☒ D. PRQS

Question ID : 1034354117

Q.7 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No improvement' as your answer.
They will be abdicated the king.

- Ans ☒ A. No improvement
☒ B. will abdicated
☒ C. will have abdicating
☒ D. will be abdicating

Question ID : 1034354112

Q.8 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Every boy and girl (1)/were ready to take part (2)/ in the dance competition (3)/.No error (4)

- Ans ☒ A. 1
☒ B. 2
☒ C. 4
☒ D. 3

Question ID : 1034354110

Q.9 Find the part of the given sentence that has an error in it. If there is no error, choose 'No error'.
Sleep is indispensable for maintaining immunological (1)/function, which is a key to prevent (2)/and recover from infectious diseases (3)/.No error (4)

- Ans ☒ A. 2
☒ B. 4
☒ C. 1
☒ D. 3

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Question ID : 1034354111

Q.10 A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative.
Dog moved _____ towards his master.

- Ans ☒ A. holy
☒ B. briskly
☒ C. mainly
☒ D. shamefully

Question ID : 1034354114

Q.11 In the given question, four words are given out of which one word is correctly spelt. Choose the correctly spelt word.

- Ans ☒ A. Mimesis
☒ B. Mimesiss
☒ C. Mimessis
☒ D. Memesis

Question ID : 1034354120

Q.12 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No improvement' as your answer.
She have everyday been affectionate for all her relatives.

- Ans ☒ A. has always been affectionate to
☒ B. has everyday been affectionate for
☒ C. No improvement
☒ D. have always been affectionate to

Question ID : 1034354113

Q.13 In the following question, out of the given four alternatives, select the alternative which best expresses the meaning of the Idiom/Phrase.
At one's finger tip

- Ans ☒ A. Easily available
☒ B. An expensive one
☒ C. To be born as the first child
☒ D. Daring

Question ID : 1034354122

Q.14 Choose the word that is opposite in meaning to the given word.
Adjourn

- Ans ☒ A. Intermediate
☒ B. Muster
☒ C. Rescind
☒ D. Nullify

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Question ID : 1034354119

Q.15 A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative.
A majority of students _____ left the school.

- Ans ☒ A. has
☒ B. let
☒ C. have
☒ D. were

Question ID : 1034354115

Comprehension:

Read the following information carefully and answer the given questions.

While greenhouse gases are warming Earth's surface, they're also causing rapid cooling far above us, at the edge of space. In fact, the upper atmosphere about 90km above Antarctica is cooling at a rate ten times faster than the average warming at the planet's surface.

Our new research has precisely measured this cooling rate and revealed an important discovery: a new four-year temperature cycle in the polar atmosphere. The results, based on 24 years of continuous measurements by Australian scientists in Antarctica, were published in two papers this month.

The findings show Earth's upper atmosphere, in a region called the "mesosphere", is extremely sensitive to rising greenhouse gas concentrations. This provides a new opportunity to monitor how well government interventions to reduce emissions are working. Since the 1990s, scientists at Australia's Davis research station have taken more than 600,000 measurements of the temperatures in the upper atmosphere above Antarctica. We've done this using sensitive optical instruments called spectrometers.

These instruments analyse the infrared glow radiating from so-called hydroxyl molecules, which exist in a thin layer about 87km above Earth's surface. This "airglow" allows us to measure the temperature in this part of the atmosphere.

Our results show that in the high atmosphere above Antarctica, carbon dioxide and other greenhouse gases do not have the warming effect they do in the lower atmosphere (by colliding with other molecules). Instead, the excess energy is radiated to space, causing a cooling effect.

Our new research more accurately determines this cooling rate. Over 24 years, the upper atmosphere temperature has cooled by about 3°C, or 1.2°C per decade. That is about ten times greater than the average warming in the lower atmosphere – about 1.3°C over the past century.

Our project also monitors the spectacular natural phenomenon known as "noctilucent" or "night-shining" clouds. While beautiful, the more frequent occurrence of these clouds is considered a bad sign for climate change. Our research also monitors how cooling temperatures are affecting the occurrence of noctilucent clouds. There is already some evidence the clouds are becoming brighter and more widespread in the Northern Hemisphere. Hence, long term monitoring is important to measure change and test and calibrate ever more complex climate models.

SubQuestion No : 16

Q.16 Which of the following can be suitable tagline for the given passage?

- Ans ☒ A. Untangling natural signals can be really helpful for the climate change
- ☒ B. Carbon emissions are chilling the atmosphere 90km above Antarctica, at the edge of space
- ☒ C. Night-shining clouds recorded about ten observations
- ☒ D. Spectrometer in the optical laboratory at Davis station, Antarctica.

AVNISH SHARMA

Question ID : 1034354126

Comprehension:

Read the following information carefully and answer the given questions.

While greenhouse gases are warming Earth's surface, they're also causing rapid cooling far above us, at the edge of space. In fact, the upper atmosphere about 90km above Antarctica is cooling at a rate ten times faster than the average warming at the planet's surface.

Our new research has precisely measured this cooling rate and revealed an important discovery: a new four-year temperature cycle in the polar atmosphere. The results, based on 24 years of continuous measurements by Australian scientists in Antarctica, were published in two papers this month.

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SubQuestion No : 17

Q.17 According to the passage, which of the following statements is incorrect?

- Ans ☒ A. Hydroxyl molecules, exist in a thick layer more than 87km above Earth's surface.
- ☒ B. Mesosphere is extremely sensitive to rising greenhouse gas concentrations.
- ☒ C. Scientists have used spectrometers to measure the temperature of upper atmosphere above Antarctica.
- ☒ D. The other name of the spectacular natural phenomenon 'noctilucent' is night-shining.

AVNISH SHARMA

Question ID : 1034354127

Comprehension:

Read the following information carefully and answer the given questions.

While greenhouse gases are warming Earth's surface, they're also causing rapid cooling far above us, at the edge of space. In fact, the upper atmosphere about 90km above Antarctica is cooling at a rate ten times faster than the average warming at the planet's surface.

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SubQuestion No : 18

Q.18 What is the antonym of the word-'rapid' as used in the passage?

- Ans  A. Hasty
 B. Tardy
 C. Apparent
 D. Ponder

AVNISH SHARMA

Question ID : 1034354130

Comprehension:

Read the following information carefully and answer the given questions.

While greenhouse gases are warming Earth's surface, they're also causing rapid cooling far above us, at the edge of space. In fact, the upper atmosphere about 90km above Antarctica is cooling at a rate ten times faster than the average warming at the planet's surface.

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SubQuestion No : 19

Q.19 What is the synonym of the word-'complex' as used in the passage?

- Ans ☒ A. Mixed
 ☐ B. Uniform
 ☐ C. Subtle
 ☐ D. Blatant

AVNISH SHARMA

Question ID : 1034354129

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Comprehension:

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SubQuestion No : 20

Q.20 The noctilucent clouds are becoming brighter and more widespread in the:

- Ans ☒ A. Western Hemisphere
☒ B. Eastern Hemisphere
☒ C. Northern Hemisphere
☒ D. Southern Hemisphere

AVNISH SHARMA

Question ID : 1034354128

Section : General Hindi

**Q.1 दिए गए वाक्य में संबंधवाचक सर्वनाम ज्ञात किजिए।
 बच्चे वही कहानी सुनेंगे जो सच हैं।**

- Ans ☒ A. वही, हो
☒ B. वही, जो
☒ C. कहानी, सच
☒ D. बच्चे, जो

Question ID : 1034354131

Q.2 दिए गए शब्द का पर्यायवाची शब्द ज्ञात कीजिए।
रक्त

- Ans ☒ A. यामा
☒ B. लहू
☒ C. त्रियामा
☒ D. अवधेश

Question ID : 1034354134

Q.3 निम्नलिखित प्रश्न में, दिए गए चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए मुहावरे के अर्थ को सर्वश्रेष्ठ रूप से व्यक्त करता है।
गले का हार होना

- Ans ☒ A. एक बात पर स्थिर न रहना
☒ B. निश्चित रहना
☒ C. अत्यन्त प्रिय होना
☒ D. धन देकर काम करवाना

Question ID : 1034354144

Q.4 दिए गए वाक्य का कारक ज्ञात कीजिए।
ऐ रमेश, यहा आओ।

- Ans ☒ A. करण
☒ B. कर्ता
☒ C. अधिकरण
☒ D. संबोधन

AVNISH SHARMA

Question ID : 1034354138

Q.5 दिए गए शब्द का विलोम शब्द ज्ञात कीजिए।
कल्पित

- Ans ☒ A. अनभिप्रेत
☒ B. यथार्थ
☒ C. कर्मण्य
☒ D. कृत्रिम

Question ID : 1034354135

Q.6 दिए गए वाक्य का पक्ष ज्ञात कीजिए।
रेलगाड़ी चली गयी है।

- Ans ☒ A. नित्य पक्ष
☒ B. पूर्ण पक्ष
☒ C. आवृत्ति सूचक
☒ D. सातत्य बोधक

Question ID : 1034354141

Q.7 निम्नलिखित वाक्यों में से संयुक्त वाक्य ज्ञात कीजिए।

- Ans ☒ A. उसके बोलने से वह चला गया।
☒ B. उसने बोला और वह चला गया।
☒ C. यदि वह बोलता तो वह चला जाता।
☒ D. जैसे ही उसने बोला वैसे ही वह चला गया।

Question ID : 1034354140

Q.8 निम्नलिखित वाक्य में से परिणामवाचक विशेषण ज्ञात कीजिए।
मुझे सूट के लिए चार मीटर कपड़ा चाहिए।

- Ans ☒ A. सूच
☒ B. चार मीटर
☒ C. के लिए
☒ D. कपड़ा

Question ID : 1034354132

Q.9 दिए गए वाक्य में उपयुक्त विराम चिह्न का चयन कीजिए।
रामू जो बहुत अच्छा खिलाड़ी है कल उसकी टोंग टूट गयी।

- Ans ☒ A. " "
☒ B. :-
☒ C. ,
☒ D. 0

Question ID : 1034354131

Q.10 निम्नलिखित वाक्यों में से सरल वाक्य ज्ञात कीजिए।

- Ans ☒ A. वह व्यक्ति सच्चा राष्ट्रभक्त है, जो राष्ट्र के लिए मर मिटे।
☒ B. जब व्यक्ति राष्ट्र के लिए मर मिट जाता है, तो वह सच्चा राष्ट्रभक्त कहलाता है।
☒ C. राष्ट्र के लिए मर मिटने वाला व्यक्ति सच्चा राष्ट्रभक्त है।
☒ D. जो व्यक्ति राष्ट्र के लिए मर मिट जाता है इसलिए वह राष्ट्रभक्त कहलाता है।

Question ID : 1034354139

Q.11 दिए गए शब्दों में शुद्ध वर्तनी का चयन कीजिए।

- Ans ☒ A. अमावश्या
☒ B. अमावस्या
☒ C. अमवश्या
☒ D. आमवस्या

Question ID : 1034354136

Q.12 दिए गए शब्द युग्म का सही शब्द युग्म ज्ञात कीजिए।
आर्षी : आरसी

- Ans
- ☒ A. पर्दा : वेद संबंधी
 - ☒ B. आईना : छिपाना
 - ☒ C. छिपाना : पर्दा
 - ☒ D. वेद संबंधी : आईना

Question ID : 1034354137

Q.13 दिए गए शब्दों का सही तत्सम-तद्भव ज्ञात कीजिए।

- Ans
- ☒ A. चत्वाल-चावल
 - ☒ B. कट-कण्ठ
 - ☒ C. धृष्ट-ढीठ
 - ☒ D. ऊर्ण-और

Question ID : 1034354133

Q.14 निम्नलिखित प्रश्न में, दिए गए चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए मुहावरे के अर्थ को सर्वश्रेष्ठ रूप से व्यक्त करता है।
पाँव में बेड़ी पड़ना

- Ans
- ☒ A. नियंत्रण में होना
 - ☒ B. काम में बुरी तरह जुटे रहना
 - ☒ C. दिन-रात परिश्रम करना
 - ☒ D. धन की अच्छी प्राप्ति होना

AVNISH SHARMA

Question ID : 1034354145

Q.15 निम्नलिखित विराम चिह्नों में से कौन सा विवरण चिह्न है?

- Ans
- ☒ A. „
 - ☒ B. ...
 - ☒ C. " "
 - ☒ D. :-

Question ID : 1034354143

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Comprehension:

एक गद्यांश दिया गया है। गद्यांश के आधार पर पाँच प्रश्न दिए गए हैं। गद्यांश को ध्यानपूर्वक पढ़ें तथा प्रत्येक प्रश्न में चार विकल्पों में से सही विकल्प चुने।

हम ईंधन पर भी निर्भर हैं। ईंधन वह चीज है, जिससे ऊर्जा का उत्पादन होता है। ऊर्जा का सबसे बड़ा स्रोत ईंधन है जो कि सिर्फ एक बार प्रयोग में लाया जा सकता है और यह हमारे पास सीमित मात्रा में है। ईंधन आज के समय में हमारे लिए बहुत ही उपयोगी है। पेट्रोलियम द्रव एवं कोयला ईंधन के मुख्य स्रोत हैं। यह ऊर्जा प्राप्त करने का सबसे बड़ा साधन है। ईंधन को उनके गुणों और उनके उत्पादन के तरीके के आधार पर विभिन्न श्रेणियों में विभाजित किया जाता है। कुछ ईंधन रासायनिक ईंधन के तहत आते हैं, तो कुछ को परमाणु ईंधन के रूप में वर्गीकृत किया गया है। इनमें से कुछ ठोस हैं, कुछ तरल हैं और कुछ गैसीय हैं। इन्हें जीवाश्म ईंधन या जैव ईंधन के आधार पर भी अलग-अलग माना जाता है। इन सबके अलावा भी एक और आधार है जिस पर इन्हें विभाजित किया गया है और वह यह कि ये नवीकरणीय या गैर-नवीकरणीय ईंधन हैं। हमारे जीवन को चलाने के लिए भोजन एक ईंधन की भांति काम करता है। पेट्रोलियम एवं प्राकृतिक गैस मंत्रालय के सचिव एम.एम. कुट्टी ने इस अभियान की शुरुआत की। कुट्टी ने अपने संबोधन में पेट्रोलियम उत्पादों के महत्व और ईंधन की बचत पर जोर दिया। इस प्रतियोगिता में देश के सभी शिक्षा बोर्डों से 1.48 करोड़ से ज्यादा बच्चों ने भाग लिया। वाहनों के उचित उपयोग से ईंधन का संरक्षण किया जा सकता है। ईंधन की बचत करना उतना ही महत्वपूर्ण है जितना कि ईंधन का उत्पादन।

SubQuestion No : 16

Q.16 उपर्युक्त गद्यांश का उपयुक्त शीर्षक क्या होगा?

- Ans ☒ A. ईंधन असीमित मात्रा में उपलब्धता
☒ B. ईंधनों का संरक्षण
☒ C. रासायनिक ईंधन
☒ D. ईंधन का उत्पादन

Question ID : 1034354151

Comprehension:

एक गद्यांश दिया गया है। गद्यांश के आधार पर पाँच प्रश्न दिए गए हैं। गद्यांश को ध्यानपूर्वक पढ़ें तथा प्रत्येक प्रश्न में चार विकल्पों में से सही विकल्प चुने।

हम ईंधन पर भी निर्भर हैं। ईंधन वह चीज है, जिससे ऊर्जा का उत्पादन होता है। ऊर्जा का सबसे बड़ा स्रोत ईंधन है जो कि सिर्फ एक बार प्रयोग में लाया जा सकता है और यह हमारे पास सीमित मात्रा में है। ईंधन आज के समय में हमारे लिए बहुत ही उपयोगी है। पेट्रोलियम द्रव एवं कोयला ईंधन के मुख्य स्रोत हैं। यह ऊर्जा प्राप्त करने का सबसे बड़ा साधन है। ईंधन को उनके गुणों और उनके उत्पादन के तरीके के आधार पर विभिन्न श्रेणियों में विभाजित किया जाता है। कुछ ईंधन रासायनिक ईंधन के तहत आते हैं, तो कुछ को परमाणु ईंधन के रूप में वर्गीकृत किया गया है। इनमें से कुछ ठोस हैं, कुछ तरल हैं और कुछ गैसीय हैं। इन्हें जीवाश्म ईंधन या जैव ईंधन के आधार पर भी अलग-अलग माना जाता है। इन सबके अलावा भी एक और आधार है जिस पर इन्हें विभाजित किया गया है और वह यह कि ये नवीकरणीय या गैर-नवीकरणीय ईंधन हैं। हमारे जीवन को चलाने के लिए भोजन एक ईंधन की भांति काम करता है। पेट्रोलियम एवं प्राकृतिक गैस मंत्रालय के सचिव एम.एम. कुट्टी ने इस अभियान की शुरुआत की। कुट्टी ने अपने संबोधन में पेट्रोलियम उत्पादों के महत्व और ईंधन की बचत पर जोर दिया। इस प्रतियोगिता में देश के सभी शिक्षा बोर्डों से 1.48 करोड़ से ज्यादा बच्चों ने भाग लिया। वाहनों के उचित उपयोग से ईंधन का संरक्षण किया जा सकता है। ईंधन की बचत करना उतना ही महत्वपूर्ण है जितना कि ईंधन का उत्पादन।

SubQuestion No : 17

Q.17 ईंधन से किसका उत्पादन होता है?

- Ans ☒ A. वाहनों
☒ B. शिक्षा
☒ C. भोजन
☒ D. ऊर्जा

Question ID : 1034354147

Comprehension:

एक गद्यांश दिया गया है। गद्यांश के आधार पर पाँच प्रश्न दिए गए हैं। गद्यांश को ध्यानपूर्वक पढ़ें तथा प्रत्येक प्रश्न में चार विकल्पों में से सही विकल्प चुने।

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SubQuestion No : 18

Q.18 ईंधन के मुख्य स्रोत क्या है?

- Ans** ☒ A. पेट्रोलियम द्रव व कोयला
☒ B. परमाणु व जैव ईंधन
☒ C. परमाणु व कोयला
☒ D. रासायनिक व जल

Question ID : 1034354148

Comprehension:

एक गद्यांश दिया गया है। गद्यांश के आधार पर पाँच प्रश्न दिए गए हैं। गद्यांश को ध्यानपूर्वक पढ़ें तथा प्रत्येक प्रश्न में चार विकल्पों में से सही विकल्प चुने।

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SubQuestion No : 19

Q.19 इस प्रतियोगिता में कितने बच्चों ने भाग लिया था?

- Ans** ☒ A. 1 लाख से अधिक
☒ B. 1.48 करोड़ से कम
☒ C. 48.1 करोड़ से अधिक
☒ D. 1.48 करोड़ से अधिक

Question ID : 1034354150

AVNISH SHARMA

Comprehension:

एक गद्यांश दिया गया है। गद्यांश के आधार पर पाँच प्रश्न दिए गए हैं। गद्यांश को ध्यानपूर्वक पढ़ें तथा प्रत्येक प्रश्न में चार विकल्पों में से सही विकल्प चुनें।

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SubQuestion No : 20

Q.20 किसके द्वारा इस अभियान की शुरुआत की गयी है?

- Ans ☒ A. एस.एस कुट्टी
☒ B. एस.एम कुट्टी
☒ C. एम.एम. कुट्टी
☒ D. एम.एस कुट्टी

Question ID : 1034354149

Section : Discipline1

AVNISH SHARMA

Q.1 By which age the children begins to draw shapes such as circles, squares and triangles?

- Ans ☒ A. 3 years
☒ B. 2 years
☒ C. 6 years
☒ D. 10 years

Question ID : 1034354156

Q.2 Which of the following statement is correct?

- I. More tightly organized plays have an edge in motor development in childhood than unstructured play
 II. Rough-and-tumble play come under free, unstructured activity

- Ans ☒ A. Neither I nor II
☒ B. Only I
☒ C. Both I and II
☒ D. Only II

Question ID : 1034354158

Q.3 Most school tasks require which kind of ability?

- I. Analytic
- II. Insightful

- Ans
- ☒ A. Both I and II
 - ☒ B. Neither I nor II
 - ☒ C. Only I
 - ☒ D. Only II

Question ID : 1034354163

Q.4 Which of the following statement is correct?

- I. Central executive can temporarily expand the capacity of working memory
- II. It temporarily expands the capacity of working memory by moving information into two separate subsidiary systems i.e. verbal and visual

- Ans
- ☒ A. Only I
 - ☒ B. Neither I nor II
 - ☒ C. Both I and II
 - ☒ D. Only II

Question ID : 1034354162

Q.5 Children coming from close-knit and caring families are a victim of ____.

- Ans
- ☒ A. Low self-esteem
 - ☒ B. Bullying
 - ☒ C. Separation anxiety disorder
 - ☒ D. High aggression

AVNISH SHARMA

Question ID : 1034354166

Q.6 Preoperational child's tendency to mentally link particular phenomena, whether or not there is a logical or causal relationship, is called ____.

- Ans
- ☒ A. Transduction
 - ☒ B. Dual representation
 - ☒ C. Deferred imitation
 - ☒ D. Animism

Question ID : 1034354159

Q.7 Which of the following statement is correct?

- I. Peer group helps children to learn gender appropriate behavior
- II. Parents' relationship with one another does not affect the child's upbringing

- Ans
- ☒ A. Neither I nor II
 - ☒ B. Only I
 - ☒ C. Both I and II
 - ☒ D. Only II

Question ID : 1034354164

Q.8 Which of the following is psychological aggression?

- Ans ☒ A. Relational aggression
☒ B. Instrumental aggression
☒ C. Overt aggression
☒ D. Aggressive behavior used as a means to achieve a goal

Question ID : 1034354170

Q.9 Which of the following statement is correct?

- I. Real self and ideal self are same thing
 II. Real self means the person he/she actually is

- Ans ☒ A. Both I and II
☒ B. Only II
☒ C. Neither I nor II
☒ D. Only I

Question ID : 1034354168

Q.10 Which of the following statement is correct?

- I. Praising children for ability and hard-work comes under intrinsic motivation
 II. Giving children money or treats for good grades comes under extrinsic motivation

- Ans ☒ A. Neither I nor II
☒ B. Only II
☒ C. Only I
☒ D. Both I and II

AVNISH SHARMA

Question ID : 1034354167

Q.11 Which of the following is correct about transitive inference?

- Ans ☒ A. Deceived by appearance
☒ B. Ability to order items along a dimension
☒ C. Knowing relationship between two objects by knowing relationship of each to a third object
☒ D. Ability to count

Question ID : 1034354161

Q.12 Which of the following are among the perspectives of gender development

- I. Biological Approach
 II. Cognitive Approach

- Ans ☒ A. Both I and II
☒ B. Only II
☒ C. Only I
☒ D. Neither I nor II

Question ID : 1034354169

Q.13 In order to regulate the appropriate caloric intake in preschoolers, which of the following statement is correct?

- Ans ☒ A. Children should be fed on schedule
- ☒ B. Children should be encouraged to finish their food plates
- ☒ C. Children should not be pressured to eat everything given to them so that they self-regulate their caloric intake
- ☒ D. Children should follow their parents eating habits

Question ID : 1034354154

Q.14 Which of the following statement is correct?

- I. During middle childhood the ability to co-operate is more among girls than boys in friendship
- II. Intimate sharing is more common among girls than boys in friendship of middle childhood

- Ans ☒ A. Only II
- ☒ B. Only I
- ☒ C. Both I and II
- ☒ D. Neither I nor II

Question ID : 1034354165

Q.15 Permanent teeth in children begins to appear at the age of ____.

- Ans ☒ A. 12 years
- ☒ B. 6 years
- ☒ C. 10 years
- ☒ D. 3 years

AVNISH SHARMA

Question ID : 1034354155

Q.16 Which of the following food comes under complex carbohydrate?

- I. Potatoes
- II. Sweets
- III. Pasta
- IV. Wheat

- Ans ☒ A. I, III and IV
- ☒ B. I and II
- ☒ C. II and IV
- ☒ D. II and III

Question ID : 1034354157

Q.17 Which of the following is autobiographical memory?

- Ans ☒ A. Remembering to perform future action
- ☒ B. Long term memory of specific experience
- ☒ C. Memory of specific events in one's own life
- ☒ D. Memory, producing script of familiar routines

Question ID : 1034354160

Q.18 When the baby is learning to walk, then _____ of the social environment helps the most.

I. Scaffolding

II. Coldness

- Ans ☒ A. Both I and II
☒ B. Only II
☒ C. Neither I nor II
☒ D. Only I

Question ID : 1034354152

Q.19 Which was the first state in India to introduce mid-day meal scheme?

- Ans ☒ A. Madhya Pradesh
☒ B. Jharkhand
☒ C. Uttarakhand
☒ D. Tamil Nadu

Question ID : 1034354171

Q.20 Recognition and reflection of feelings by teacher helps the child in _____.

I. Gaining insight

II. Reminding responsibilities

- Ans ☒ A. Both I and II
☒ B. Only II
☒ C. Only I
☒ D. Neither I nor II

AVNISH SHARMA

Question ID : 1034354153

Section : Discipline2

Q.1 Which of the following assistive devices is required for students with hearing impairment?

- Ans ☒ A. Wheel chair
☒ B. Crutches
☒ C. Communication board
☒ D. Optical aids

Question ID : 1034354179

Q.2 The assistive technology 'SweepSticks' is a virtual adaptive _____.

- Ans ☒ A. keyboard
☒ B. mouse
☒ C. pen
☒ D. joystick

Question ID : 1034354190

Q.3 Which of the following is a physical scheduled disability among children?

- I. Cerebral palsy
- II. Muscular dystrophy
- III. Dwarfism

Ans ☒ A. I and II

☒ B. Only I

☒ C. I, II and III

☒ D. Only II

Question ID : 1034354181

Q.4 Considering the Right of Children to Free and Compulsory Education Act, 2009, which of the following statements is correct regarding capitation fees?

- I. The fine for receiving capitation fee may extend to ten times the capitation fee charged.
- II. Subjecting a child to screening procedure is also fine-worthy.

Ans ☒ A. Only II

☒ B. Neither I nor II

☒ C. Both I and II

☒ D. Only I

Question ID : 1034354176

Q.5 Which of the following are the key components of systematic model for designing Information and Communication Technology integration plan?

- I. Rationale for using the technology
- II. Strategies for implementation

Ans ☒ A. Only II

☒ B. Only I

☒ C. Both I and II

☒ D. Neither I nor II

Question ID : 1034354191

Q.6 Which of the following statements is NOT correct regarding the effects of imitation?

- I. Acquiring new behavior as result of observing a model is the modeling effect.
- II. An illustration of the eliciting effect is the mass behavior.

Ans ☒ A. Only II

☒ B. Both I and II

☒ C. Neither I nor II

☒ D. Only I

Question ID : 1034354187

Q.7 When were the soldiers of the 11th irregular cavalry disarmed?

Ans ☒ A. 5th August 1857

☒ B. 12th August 1857

☒ C. 1st August 1857

☒ D. 8th August 1857

Question ID : 1034354173

Q.8 Which of the following statements regarding inclusive education is correct?
I. It is considered to be a multi-dimensional concept.
II. It encompasses the process of school transformation and a focus on children's entitlement and access to education.

- Ans ☒ A. Neither I nor II
☒ B. Only II
☒ C. Only I
☒ D. Both I and II

Question ID : 1034354182

Q.9 निःशुल्क और अनिवार्य बाल शिक्षा अधिकार अधिनियम, 2009 के सन्दर्भ में निम्नलिखित में से कौन सा कथन सही नहीं है?

- I. एक बच्चे को किसी अन्य विद्यालय में स्थानांतरण की मांग करने का कोई अधिकार नहीं होगा।
II. बच्चे अपनी प्रारंभिक शिक्षा पूरी करने के लिए शुल्क का भुगतान करने के लिए उत्तरदायी नहीं हैं।
III. इस अधिनियम के अंतर्गत 6-14 वर्ष का प्रत्येक बच्चा शिक्षा के लिए पात्र है।

- Ans ☒ A. I तथा III
☒ B. II तथा III
☒ C. केवल I
☒ D. I तथा II

Question ID : 1034354175

Q.10 In which of the following sitting arrangements group work is not possible?

- I. Students sitting in rows.
II. Students sitting in small circles.

- Ans ☒ A. Neither I nor II
☒ B. Only I
☒ C. Only II
☒ D. Both I and II

AVNISH SHARMA

Question ID : 1034354185

Q.11 Identify in which of the given situations children's rights are violated.

- I. Ravi was forced to carry heavy loads and work for longer duration.
II. Sheena didn't get proper health care facilities.
III. Radha is taking sick leave from school.

- Ans ☒ A. I and III
☒ B. I and II
☒ C. Only III
☒ D. I, II and III

Question ID : 1034354178

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Q.12 There are always different types of students. Some students who do not speak often in class and who typically develop ideas and questions in their minds before speaking are _____.

- Ans ☒ A. Reflective students
☒ B. Active students
☒ C. Non-academic students
☒ D. Shy students

Question ID : 1034354186

Q.13 The teaching learning material can be categorized in different ways. Which of the following is NOT correct?

- Ans ☒ A. Non-projected material
☒ B. Audio-visual material
☒ C. Prepared material
☒ D. Sensory material

Question ID : 1034354183

Q.14 During which event did the women's struggle to vote got strengthened?

- Ans ☒ A. World War I
☒ B. World War II
☒ C. American Civil War
☒ D. Cold War

Question ID : 1034354172

Q.15 Which of the following statements is correct regarding Militant Nationalists?

- I. Most prominent of them were Bal Gangadhar Tilak, Bipin Chandra Pal, and Lala Lajpat Rai.
 II. The political work encouraged self-reliance.
 III. They didn't have faith in the mass action.

- Ans ☒ A. II and III
☒ B. I and II
☒ C. I and III
☒ D. Only I

Question ID : 1034354174

Q.16 इकाई नियोजन का कार्य निर्धारित पाठ्यक्रम सामग्री में से उचित इकाइयों के गठन के साथ शुरू होता है। निम्नलिखित में से किस विषय को "भारत के प्राकृतिक संसाधन" नामक एक इकाई में संयोजित नहीं किया जा सकता है?

- Ans ☒ A. संचार के आधुनिक साधन
☒ B. जल संसाधन
☒ C. भारत के वन संसाधन
☒ D. खनिज संसाधन

Question ID : 1034354184

Q.17 Which of the following is the correct advantage of similar ability grouping of students?

- I. Effective for group activities in subjects like mathematics and language.
- II. Students can study in their own pace.

- Ans
- ☒ A. Neither I nor II
 - ☒ B. Only II
 - ☒ C. Both I and II
 - ☒ D. Only I

Question ID : 1034354189

Q.18 The Scheme of Inclusive Education for Disabled at secondary stage has been launched from the year _____.

- Ans
- ☒ A. 2001-02
 - ☒ B. 2012-13
 - ☒ C. 1997-98
 - ☒ D. 2009-10

Question ID : 1034354180

Q.19 Which of the following statements is correct regarding management of individualized learning?

- I. Individual assignment should be given to students, almost every day.
- II. Over-interference should be avoided while monitoring student's work.

- Ans
- ☒ A. Neither I nor II
 - ☒ B. Both I and II
 - ☒ C. Only I
 - ☒ D. Only II

Question ID : 1034354188

Q.20 Which of the following is an indicator of empowered women?

- I. Economically independent
- II. Participate in social change

- Ans
- ☒ A. Neither I nor II
 - ☒ B. Both I and II
 - ☒ C. Only I
 - ☒ D. Only II

Question ID : 1034354177

Section : Discipline3

Q.1 Discovery learning method is based on many principles. Which of the following is NOT that principle?

- Ans
- ☒ A. Principle of activity
 - ☒ B. Principle of purposeful experiences
 - ☒ C. Principle of assessment and evaluation
 - ☒ D. Principle of searching for alternatives

Question ID : 1034354196

Q.2 Every figure irrespective of its shape is symmetric under a rotation of ____.

- Ans ☒ A. 45 degree and 90 degree
☒ B. 60 degree and 120 degree
☒ C. 0 degree and 360 degree
☒ D. 90 degree and 180 degree

Question ID : 1034354209

Q.3 Which of the following statement is correct?

- I. By retelling a story children will become more familiar with the language of the story.
 II. By retelling a story children will be able to participate in different ways.

- Ans ☒ A. Only I
☒ B. Neither I nor II
☒ C. Both I and II
☒ D. Only II

Question ID : 1034354200

Q.4 Which of the following statement is correct?

- I. Axioms can be called premises.
 II. A statement proved earlier can be called premises.

- Ans ☒ A. Neither I nor II
☒ B. Only II
☒ C. Both I and II
☒ D. Only I

AVNISH SHARMA

Question ID : 1034354208

Q.5 The ability that enables child to speak, read and write with felicity and express herself is called ____.

- I. Fluency
 II. Intelligence

- Ans ☒ A. Neither I nor II
☒ B. Only II
☒ C. Both I and II
☒ D. Only I

Question ID : 1034354204

Q.6 Which of the following statements is correct regarding teachers' role in the Information and Communication Technology environment?

- I. Create multimedia content to support instruction.
 II. Evaluate educational software.
 III. Create hypertext documents to support instruction.

- Ans ☒ A. II and III
☒ B. I, II and III
☒ C. I and III
☒ D. I and II

Question ID : 1034354193

Q.7 Which of the following error is committed when a child is able to understand the question but unable to identify the operation or sequence of operation needed to solve the question?

- Ans ☒ A. Comprehension error
☒ B. Transformation error
☒ C. Encoding error
☒ D. Reading error

Question ID : 1034354211

Q.8 Which of the following statements is correct regarding Massive Open Online Courses?
 I. In India, Government of India is launching Massive Open Online Courses through a web portal called Swayam.
 II. Massive Open Online Courses are available to all, free of cost to any place where there is access to Information and Communication Technology.

- Ans ☒ A. Only I
☒ B. Neither I nor II
☒ C. Only II
☒ D. Both I and II

Question ID : 1034354192

Q.9 The event that is seen most frequently, that is, it has value with highest frequency is called

- Ans ☒ A. Median
☒ B. Mode
☒ C. Mean
☒ D. Variance

AVNISH SHARMA

Question ID : 1034354205

Q.10 Which of the following statement is correct?
 I. Research shows that ability to comprehend and produce speech for many of us is present in right hemisphere of brain
 II. Research shows that anything experienced on the right hand side of the body is processed in left hemisphere of brain

- Ans ☒ A. Neither I nor II
☒ B. Only I
☒ C. Both I and II
☒ D. Only II

Question ID : 1034354202

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Q.11 Which of the following statement is correct?

- I. The richer the exposure to the second language, the greater is the possibility that we will acquire it.
- II. The language rich environment that is available in the first language is invariably not available in second language.

- Ans
- ☒ A. Neither I nor II
 - ☒ B. Only I
 - ☒ C. Only II
 - ☒ D. Both I and II

Question ID : 1034354197

Q.12 Students actively construct their own knowledge in the constructivist approach of learning.

Which of the following processes are aimed at construction of knowledge?

- I. Asking questions to one another
- II. Making sense of the story

- Ans
- ☒ A. Only II
 - ☒ B. Only I
 - ☒ C. Neither I nor II
 - ☒ D. Both I and II

Question ID : 1034354195

Q.13 Which of the following is correctly matched in context of teaching in classroom?

- I. A question from teacher – Initiation
- II. An answer from child – Response
- III. Feedback from the teacher– Follow-up

- Ans
- ☒ A. II and III
 - ☒ B. I and II
 - ☒ C. I, II and III
 - ☒ D. Only I

AVNISH SHARMA

Question ID : 1034354199

Q.14 Which of the following statement is correct?

- I. A pair of co-prime consists of prime number only.
- II. If each of both the numbers in pair is composite, then they cannot form co-primes.

- Ans
- ☒ A. Both I and II
 - ☒ B. Only I
 - ☒ C. Neither I nor II
 - ☒ D. Only II

Question ID : 1034354210

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Q.15 To bring about improvement in the quality of education and the holistic development of a child, evaluation process needs to focus on _____ of development.

- I. Scholastic areas
II. Non-scholastic areas

Ans ☒ A. Neither I nor II
☒ B. Only II
☒ C. Only I
☒ D. Both I and II

Question ID : 1034354194

Q.16 The language of media, administration, judiciary and formal education in a country is called _____.

Ans ☒ A. Vernacular language
☒ B. Standard language
☒ C. Local language
☒ D. Classical language

Question ID : 1034354201

Q.17 Which of the following statement is correct?

- I. Geometry is the natural way for developing intuition, creativity and enquiry.
II. Geometry is very different from the study of spatial relationships.

Ans ☒ A. Only II
☒ B. Neither I nor II
☒ C. Only I
☒ D. Both I and II

AVNISH SHARMA

Question ID : 1034354206

Q.18 Poor writing skill which consist of poor motor skill and planning is called _____.

Ans ☒ A. Dyspraxia
☒ B. Hypermetropia
☒ C. Myopia
☒ D. Dyslexia

Question ID : 1034354203

Q.19 Which of the following is correct in context of teaching English?

- I. Teacher should be quick in beginning at teaching English
II. In the beginning while giving instructions in English the teacher should use gestures.

Ans ☒ A. Neither I nor II
☒ B. Both I and II
☒ C. Only II
☒ D. Only I

Question ID : 1034354198

Q.20 निम्नलिखित में से कौन सा कथन सही है?

- I. दशमलव पर एल्गोरिथम को समझने के लिए स्थानिक मान निरूपण की समझ की आवश्यकता होती है।
II. दशमलव पर एल्गोरिथम को समझने के लिए अनुमान की भावना की आवश्यकता नहीं होती है।

- Ans ☒ A. केवल II
☒ B. I तथा II दोनों
☒ C. ना ही I ना ही II
☒ D. केवल I

Question ID : 1034354207

Section : Discipline4

Q.1 In the context of AvanaddhaVadya, which of the following pair is correctly matched?

- I. Dhol – Punjab
II. Naal – Bengal
III. Dhak – Bengal
IV. Hudka – Himachal Pradesh

- Ans ☒ A. I,III and IV
☒ B. I,II and IV
☒ C. II,III and IV
☒ D. II and III

Question ID : 1034354226

Q.2 Environmental Education, introduced as Environmental Studies at the elementary education level, has important objectives. Which of the following objectives is correct?

- I. Inculcating habits, values, attitudes and emotions to maintain and promote quality environment.
II. Developing curiosity and awareness about the environment in children.

- Ans ☒ A. Neither I nor II
☒ B. Only I
☒ C. Both I and II
☒ D. Only II

Question ID : 1034354217

Q.3 Kathak, kathakali and kuchipudi are the example of which type of art form?

- Ans ☒ A. Painting
☒ B. Dance
☒ C. Music
☒ D. Puppetry

Question ID : 1034354224

Q.4 In India, until the mid-1990s, civics textbooks continued to be written from the viewpoint of

a _____.

I. Paternalistic state

II. Libertarian state

Ans ☒ A. Neither I nor II

☒ B. Both I and II

☒ C. Only II

☒ D. Only I

Question ID : 1034354219

Q.5 What is the importance of art education at elementary level?

I. It allows the children to develop their own free expression of what they are and how they feel.

II. It enhances the level of self analysis and self discipline.

Ans ☒ A. Neither I nor II

☒ B. Both I and II

☒ C. Only II

☒ D. Only I

Question ID : 1034354223

Q.6 Every lesson of the Environmental Studies textbook provides series of opportunities for students. Which of the following is the correct example of those opportunities?

I. Linking the characters in the lessons to the child's own life.

II. Encouraging children to share their personal context and experience.

Ans ☒ A. Neither I nor II

☒ B. Both I and II

☒ C. Only II

☒ D. Only I

AVNISH SHARMA

Question ID : 1034354215

Q.7 Considering the current thinking and practice in social sciences curriculum at the national level, which of the following statements is correct?

I. National Curriculum Framework, 2005 suggested the term Political Science instead of Civics.

II. The present curriculum attempts to change the notion of textbooks from being merely instructive to more suggestive.

Ans ☒ A. Only II

☒ B. Neither I nor II

☒ C. Both I and II

☒ D. Only I

Question ID : 1034354221

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Q.8 Sociometry is an important tool of _____.

- I. Peer assessment
- II. Self-assessment

Ans ☒ A. Neither I nor II
☒ B. Both I and II
☒ C. Only II
☒ D. Only I

Question ID : 1034354213

Q.9 Which of the following statements is NOT correct?

- I. Social studies is studied through idealistic approach.
- II. Social science is concerned with theoretical aspects of human affairs.
- III. Social science and social studies are related with each other.

Ans ☒ A. II and III
☒ B. I and III
☒ C. I, II and III
☒ D. Only I

Question ID : 1034354220

Q.10 When using the activity-based approach for teaching Environmental Studies, the given steps should be practised. Arrange these steps in the correct order and then choose the correct combination.

- A. Reflecting on the process
- B. Revising
- C. Conducting the activity
- D. Plan the activity

Ans ☒ A. BCDA
☒ B. ABCD
☒ C. DCBA
☒ D. DCAB

Question ID : 1034354216

Q.11 How play can help in the language development?

- I. While playing children have to communicate with other in terms that can be understood.
- II. Games like puzzles and riddles do not help increasing vocabulary of children.

Ans ☒ A. Both I and II
☒ B. Only II
☒ C. Neither I nor II
☒ D. Only I

Question ID : 1034354229

Q.12 Which of the following days is observed as the international yoga day?

Ans ☒ A. 11th December
☒ B. 12th January
☒ C. 12th March
☒ D. 21st June

Question ID : 1034354230

Q.13 Which of the following is the objectives of yoga education?

- I. Practice mental health.
- II. Integrate moral and spiritual values.
- III. Attain higher level of consciousness for oneself and the surroundings.

- Ans
- ☒ A. I and II
 - ☒ B. I and III
 - ☒ C. II and III
 - ☒ D. I, II and III

Question ID : 1034354231

Q.14 To understand the concepts of Environmental Studies, the students can be taken to different places for learning. By undertaking a field trip for plants study, the students will not be able to achieve which objective?

- Ans
- ☒ A. Identifying familiar plants by names
 - ☒ B. Classifying plants
 - ☒ C. Observing internal features
 - ☒ D. Observing patterns of leaves

Question ID : 1034354212

Q.15 _____ organize their movement ideas into a dance form.

- Ans
- ☒ A. Painter
 - ☒ B. Musician
 - ☒ C. Singer
 - ☒ D. Choreographer

AVNISH SHARMA

Question ID : 1034354222

Q.16 Games and parade is the example of which type of curricular activity?

- Ans
- ☒ A. Literary activities
 - ☒ B. Physical development
 - ☒ C. Social welfare activities
 - ☒ D. Civic development activities

Question ID : 1034354227

Q.17 Who quoted "the aim of art is to represent not the outward appearance of things, but their inward significance"?

- Ans
- ☒ A. Aristotle
 - ☒ B. Democritus
 - ☒ C. Socrates
 - ☒ D. Plato

Question ID : 1034354225

Q.18 Classroom learning experience can be enriched by making creative expressions an integral part of the Environmental Studies teaching and learning. Creative expressions can take a variety of forms such as _____.

- I. Graphic arts
- II. Puppetry
- III. Movement and dance

Ans ☒ A. I and II

☒ B. I, II and III

☒ C. I and III

☒ D. Only III

Question ID : 1034354214

Q.19 Maps showing cities, towns and villages and different countries and states of the world with their boundaries are called _____.

Ans ☒ A. Political maps

☒ B. Relief maps

☒ C. Thematic maps

☒ D. Physical maps

Question ID : 1034354218

Q.20 _____ help in language building and in enhancing vocabulary and improve articulation.

Ans ☒ A. Leisure time activities

☒ B. Excursion activities

☒ C. Aesthetic and cultural development

☒ D. Literary activities

AVNISH SHARMA

Question ID : 1034354228

Section : Discipline5

Q.1 Which of the following statement is correct?

- I. Violent revolt against established orthodoxies falls into new orthodoxies.
- II. Intelligent revolt comes with self-knowledge through the awareness of one's own thought and feeling.

Ans ☒ A. Both I and II

☒ B. Only II

☒ C. Neither I nor II

☒ D. Only I

Question ID : 1034354243

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Q.2 Which of the following characteristics of adolescents with foreclosed identity is correct?

- Ans ☒ A. Experimenting and actively searching for alternatives in their struggle.
- ☒ B. Resolve the experienced crisis and make definite personal and vocational commitments.
- ☒ C. Make commitments and adopt their parent's and other societal authority viewpoints.
- ☒ D. Do not have any commitment to a vocation or a set of beliefs.

Question ID : 1034354234

Q.3 Which of the following are the media for sharing the school-community-family partnership plan, with school community?

- I. Web pages
II. Press releases
III. School newsletters

- Ans ☒ A. II and III
- ☒ B. Only III
- ☒ C. Only II
- ☒ D. I, II and III

Question ID : 1034354249

Q.4 Effective education is possible by the responsibilities of ____.

- I. School
II. Family
III. Society

- Ans ☒ A. I and II
- ☒ B. Only II
- ☒ C. I, II and III
- ☒ D. Only I

AVNISH SHARMA

Question ID : 1034354240

Q.5 Kishori Shakti Yojana (KSY) was launched in 2000 to empower adolescent girls aged ____.

- Ans ☒ A. 12-20 years
- ☒ B. 8-16 years
- ☒ C. 10-15 years
- ☒ D. 11-18 years

Question ID : 1034354232

Q.6 Interface between school and community becomes important and imperative for the various reasons. Which for the following are those reasons?

- I. To enable schools to improve
II. To enhance effectiveness of schools
III. To increase parental involvement in school project and decision-making

- Ans ☒ A. Only II
- ☒ B. I, II and III
- ☒ C. Only III
- ☒ D. II and III

Question ID : 1034354251

Q.7 In which type of teaching method teacher's role is all pervasive and student's role is limited to obedience only?

- Ans ☒ A. Command method
☒ B. Mirror method
☒ C. Whole – part –whole – method
☒ D. Demonstration method

Question ID : 1034354238

Q.8 _____is the school level community structure set up mainly for improving the functioning of schools.

- I. Village education committee
 II. Parent teacher association

- Ans ☒ A. Both I and II
☒ B. Only I
☒ C. Only II
☒ D. Neither I nor II

Question ID : 1034354245

Q.9 Which of the following statement is correct?

- I. Meaning of posture does not vary from individual to individual
 II. The best posture is that in which the body segments are balanced in the position of least strain and maximum support

- Ans ☒ A. Only II
☒ B. Both I and II
☒ C. Neither I nor II
☒ D. Only I

AVNISH SHARMA

Question ID : 1034354236

Q.10 Which of the following statement is correct?

- I. The very desire for power is in itself destructive.
 II. The moment we discard authority only then co-operation and affection emerges.

- Ans ☒ A. Only II
☒ B. Neither I nor II
☒ C. Both I and II
☒ D. Only I

Question ID : 1034354244

Q.11 Which of the following is associating activity related to work education with language improvement?

- Ans ☒ A. Skill to measure
☒ B. Relationship between need and supply
☒ C. Relationship between the life of man and animal
☒ D. Preparing report in short and simple sentences

Question ID : 1034354242

Q.12 Sportsmanship traits comes under which outcome of physical education?

- Ans ☒ A. Mentally strong
☒ B. Socially efficient
☒ C. Emotionally balanced
☒ D. Physically fit

Question ID : 1034354237

Q.13 Which of the following statement is correct?

- I. In past, research believed that happy people are more likely to succeed
 II. Newer research shows that success makes people happy

- Ans ☒ A. Only I
☒ B. Only II
☒ C. Neither I nor II
☒ D. Both I and II

Question ID : 1034354235

Q.14 Which of the following statement is correct?

- I. Same mode of evaluation should be used for slow, average and fast learners.
 II. Self evaluation, peer evaluation and group evaluation should also be made a part of evaluation process.

- Ans ☒ A. Only II
☒ B. Neither I nor II
☒ C. Both I and II
☒ D. Only I

AVNISH SHARMA

Question ID : 1034354241

Q.15 Which of the following are the roles and duties of member of school management committee?

- I. Preparing school development plan.
 II. Bringing 'out of school children' to the school.
 III. Arranging and maintaining basic infrastructural amenities.

- Ans ☒ A. I, II and III
☒ B. Only II
☒ C. Only III
☒ D. I and III

Question ID : 1034354247

Q.16 Which of the following statement is correct?

- I. Work education benefits co-ordination in hand and brain.
 II. Work education is essential and significant factor in learning process.

- Ans ☒ A. Only I
☒ B. Both I and II
☒ C. Only II
☒ D. Neither I nor II

Question ID : 1034354239

Q.17 According to Erik Erikson, the main task of adolescence is to form a _____.

- Ans ☒ A. coherent identity
- ☒ B. identity moratorium
- ☒ C. super-ego identity
- ☒ D. identity diffusion

Question ID : 1034354233

Q.18 Which of the following is not a function performed by Parent Teacher Association and Mother Teacher Association?

- Ans ☒ A. Providing feedback to the teacher about educational progress of their own parents
- ☒ B. Assisting the teachers in conducting school activities
- ☒ C. Assisting the teacher in pursuing the parents of un-enrolled children for sending them to school
- ☒ D. Helping the teacher in conducting door to door survey work

Question ID : 1034354246

Q.19 _____ includes those institutionalized entities that are responsible for formal education (for example primary, elementary etc.)

- Ans ☒ A. Families
- ☒ B. Communities
- ☒ C. Friends
- ☒ D. Schools

Question ID : 1034354250

Q.20 While teaching primary school children, examples of which of the following cannot be used to explain them that how these have implications for our day to day life?

- I. Grocer's shop
- II. Forests
- III. Railway station

- Ans ☒ A. Neither I nor II nor III
- ☒ B. II and III
- ☒ C. Only II
- ☒ D. I, II and III

Question ID : 1034354248

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