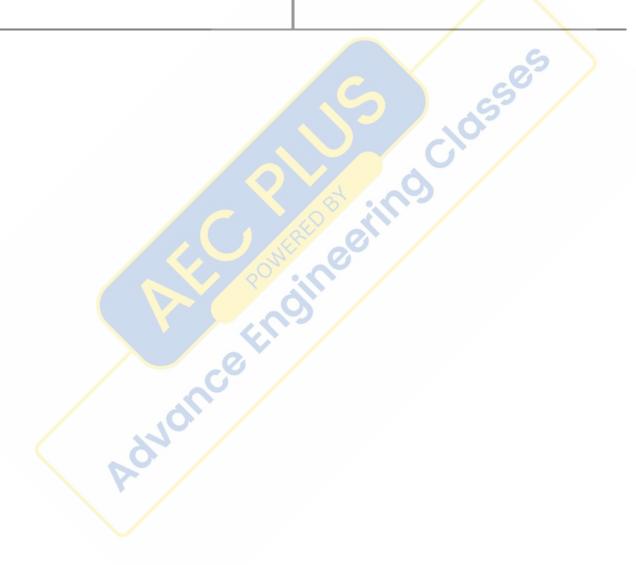
DSSSB JE & Section Officer

Previous Year Paper (Civil) 28 June 2022 Shift 3



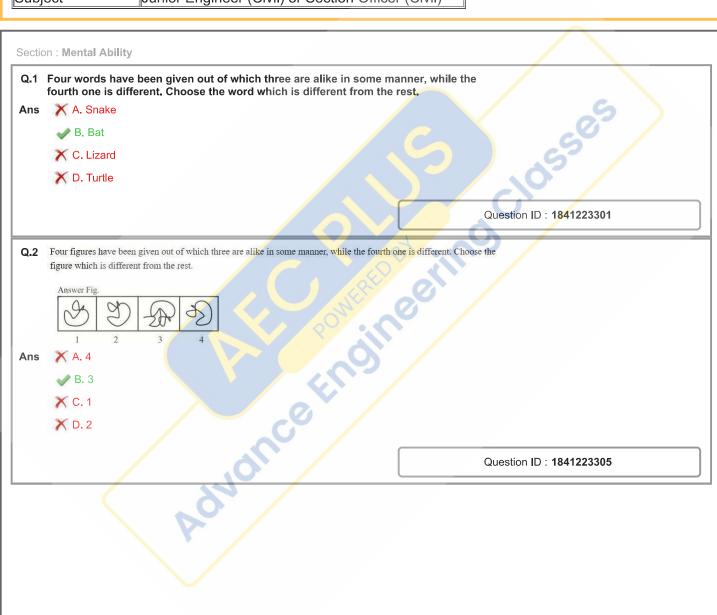


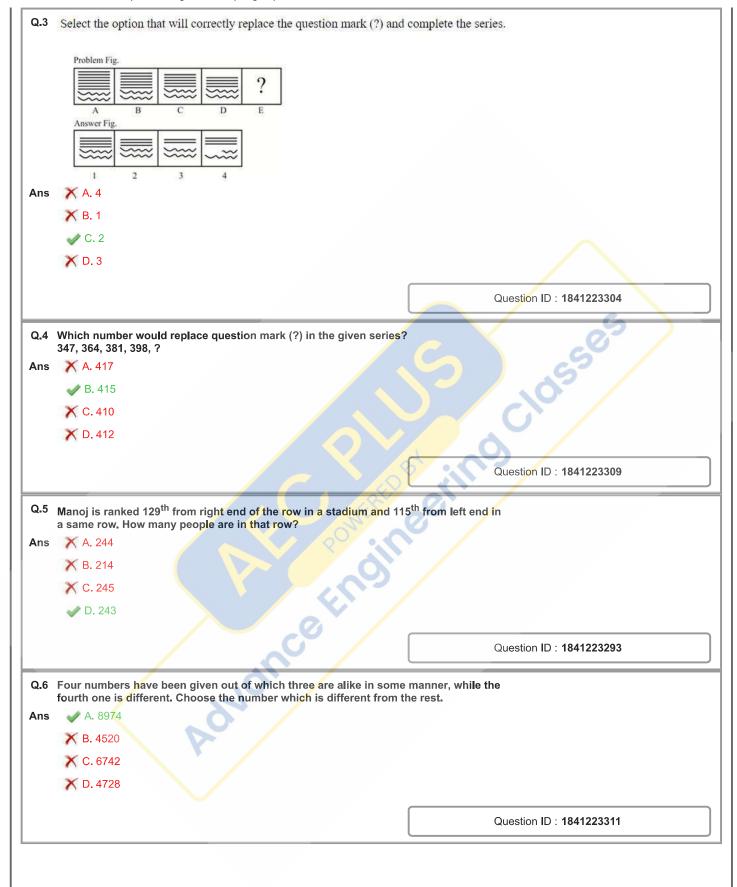
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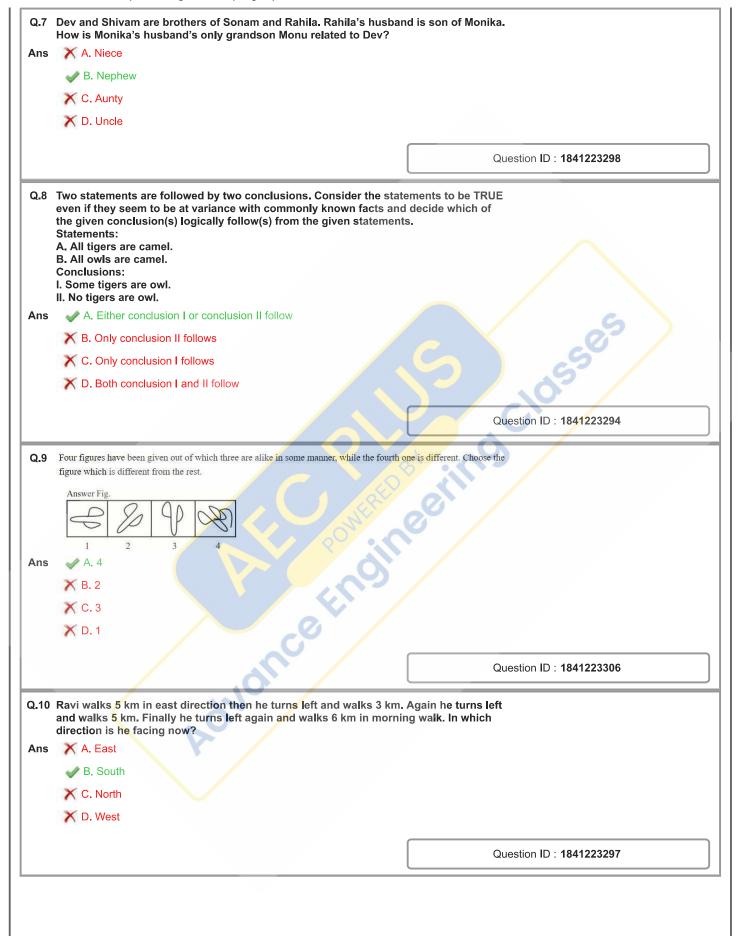
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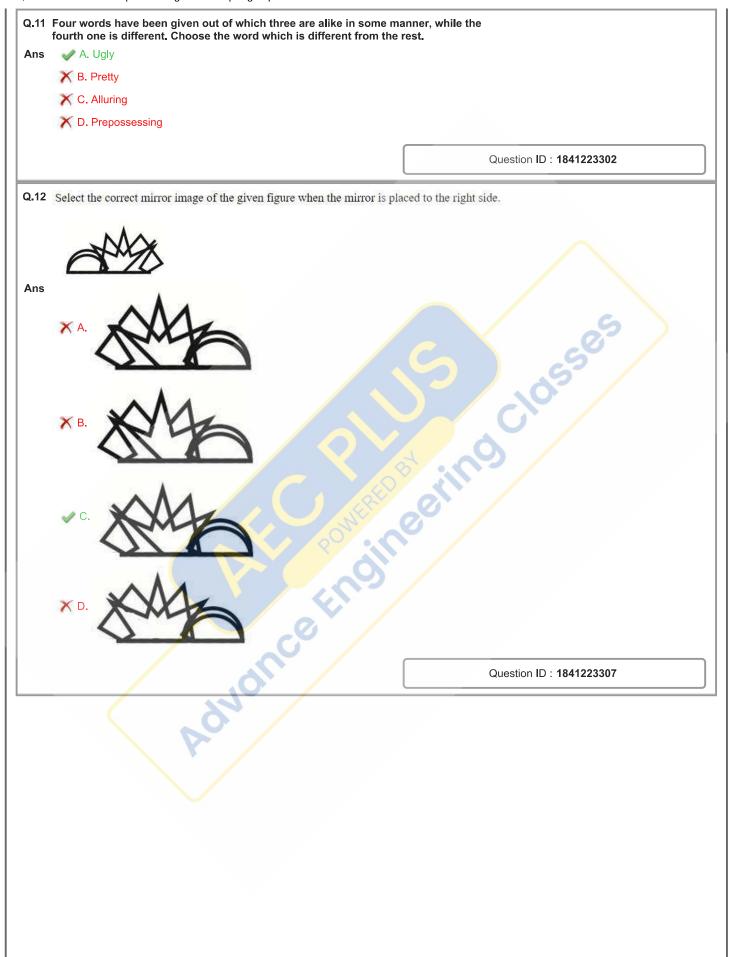
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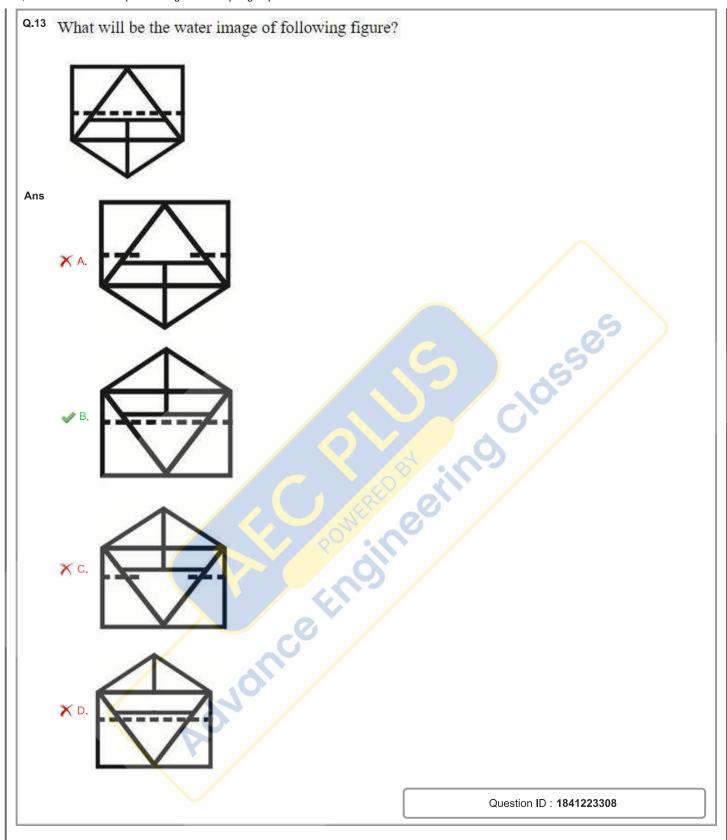
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Participant ID	
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Test Center Name	
Test Date	28/06/2022
Test Time	4:30 PM - 6:30 PM
Subject	Junior Engineer (Civil) or Section Officer (Civil)

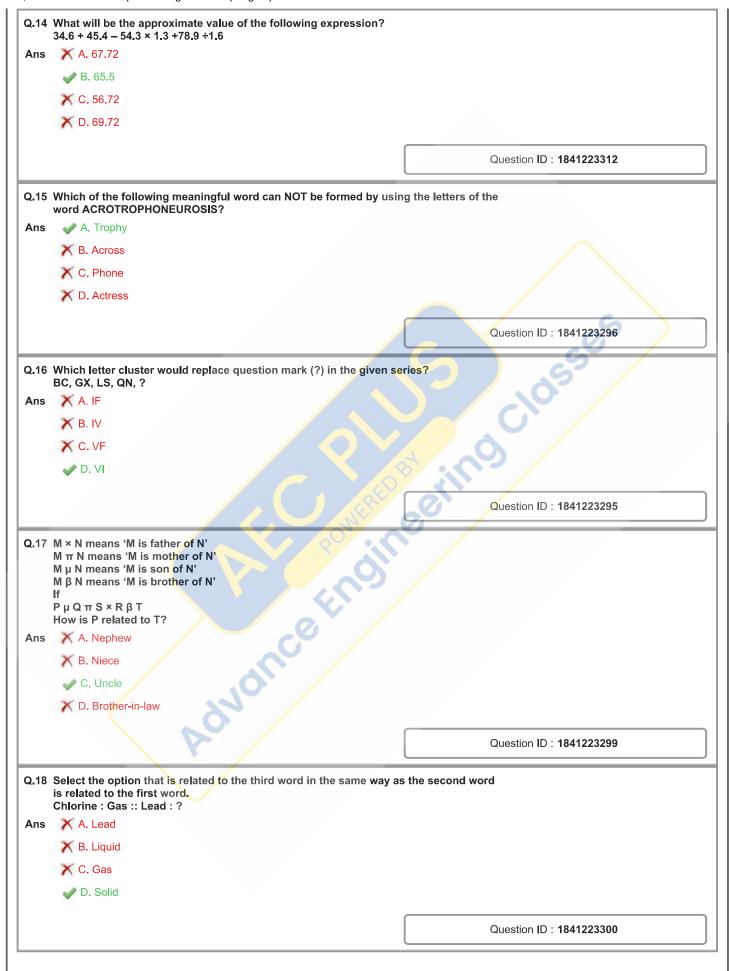




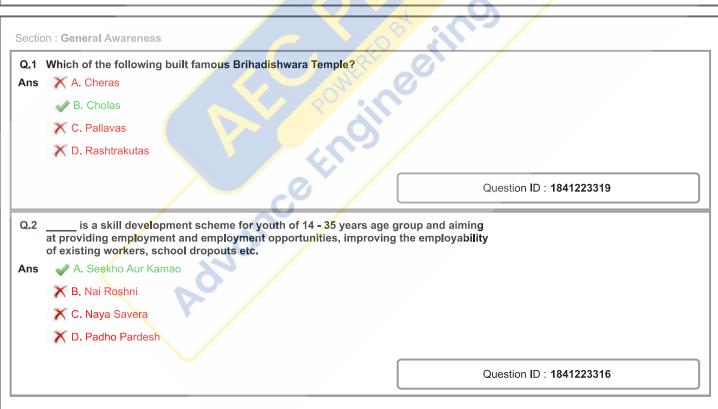








Q.19 Which number would replace question mark (?) in the given series? 729, 665, 601, 537. ? X A. 437 Ans X B. 447 X C. 499 / D. 473 Question ID: 1841223310 Q.20 Two statements numbered I and II are given. There may be cause and effect relationship between the two statements. These two statements may be the effect of the same cause or independent causes. These statements may be independent causes without having any relationship. Read both the statements and mark your answer accordingly. I. DOE asked the teachers to arrange special classes for upcoming board exams of X and XII. II. Students of X and XII are started attending special classes organized by schools. Ans X A. Statement II is the cause and statement I is its effect, X B. Both the statements I and II are independent causes. C. Statement I is the cause and statement II is its effect. D. Both the statements I and II are effects of independent causes. Question ID: 1841223303

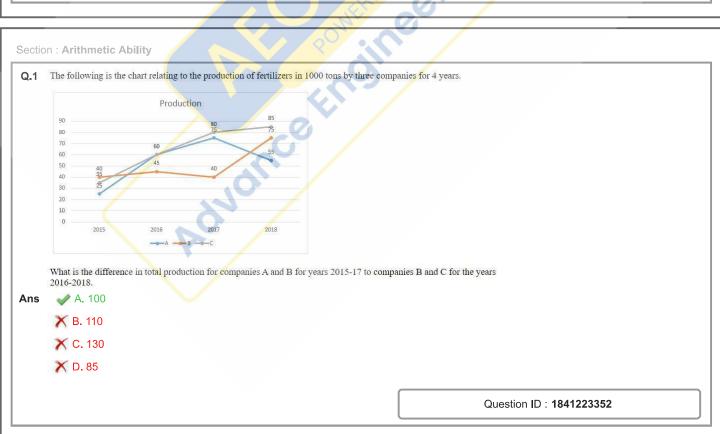


	gender biased sex selective elimination, reversing dec ensuring well-being of the girl child and her education	
ns	X A. Nai Manzil	
	X B. Samagra Shiksha	
	X C. Padhe Betiyan, Badhe Betiyan	
	✓ D. Beti Bachao, Beti Padhao	
		Question ID : 1841223315
Q.4 Ans	Project Udaan, a language translator was launched in A. IIT Roorkee	September 2021 by
	✓ B. IIT Bombay	
	X C. IIT Hyderabad	
	X D. IIT Guwahati	
		Question ID : 1841223314
	X B. Australia X C. Belgium X D. South Korea	Question ID : 1841223317
	Polyp and Medusa body forms are found in X A. Phylum Mollusca X B. Phylum Ctenophora C. Phylum Coelenterata (Cnidaria) D. Phylum Echinodermata	nojin
	X A. Phylum Mollusca X B. Phylum Ctenophora C. Phylum Coelenterata (Cnidaria)	Question ID : 1841223330
Ans	X A. Phylum Mollusca X B. Phylum Ctenophora C. Phylum Coelenterata (Cnidaria) X D. Phylum Echinodermata Which of the following award is given to Hyderabad-bareaearch Institute for the Semi-Arid Tropics (ICRISAT)	ased International Crops

pan Thangavelu - discus throw Punia - Long Jump Chopra - javelin throw Question ID : 1841223318 Isunched the second window of Swavalamban Challenge Fund (SCF) arat as prioritised theme in November 2021? IHousing Bank (NHB) irastructure Finance Company Ltd (IIFCL) adustries Development Bank of India (Sidbi) al Finance Corporation of India (IFCI) Question ID : 1841223327 Trect match from the options given below: Stupa - Sarnath a Stupa - Taxila Stupa - Ranchi pa - Nalanda Question ID : 1841223322	X B. Mariyappan Thangavelu - discus throw X C. Bajrang Punia - Long Jump D. Neeraj Chopra - javelin throw Question ID: 1841223318 Q.9 Which of these launched the second window of Swavalamban Challenge Fund (SCF) with Green Bharat as prioritised theme in November 2021? Ans X A. National Housing Bank (NHB) B. India Infrastructure Finance Company Ltd (IIFCL) C. Small Industries Development Bank of India (Sidbi) D. Industrial Finance Corporation of India (IFCI) Question ID: 1841223327 Q.10 Identify the correct match from the options given below: A. Chaukhandi Stupa - Sarnath B. Dharmarajika Stupa - Taxila C. Boudhanath Stupa - Ranchi D. Bharhut Stupa - Ranchi D. Bharhut Stupa - Nalanda Ans X A. A. C X B. A. B. C X C. A. D D. A, B Question ID: 1841223322	Q.8 Ans	Identify the correct match of sportsperson with the sport/game X A. Shaili Singh - high jump	s.
Punia - Long Jump Chopra - javelin throw Question ID: 1841223318 launched the second window of Swavalamban Challenge Fund (SCF) trat as prioritised theme in November 2021? Housing Bank (NHB) rastructure Finance Company Ltd (IIFCL) adustries Development Bank of India (Sidbi) al Finance Corporation of India (IFCI) Question ID: 1841223327 rect match from the options given below: Stupa - Sarnath a Stupa - Taxila Stupa - Taxila Stupa - Nalanda Question ID: 1841223322	C. Bajrang Punia - Long Jump D. Neeraj Chopra - javelin throw Question ID: 1841223318 Q.9 Which of these launched the second window of Swavalamban Challenge Fund (SCF) with Green Bharat as prioritised theme in November 2021? Ans X. A. National Housing Bank (NHB) X. B. India Infrastructure Finance Company Ltd (IIFCL) C. Small Industries Development Bank of India (Sidbi) D. Industrial Finance Corporation of India (IFCI) Question ID: 1841223327 Q.10 Identify the correct match from the options given below: A. Chaukhandi Stupa - Sarnath B. Dharmarajika Stupa - Taxila C. Boudhanath Stupa - Ranchi D. Bharhut Stupa - Nalanda Ans X. A. A. C X. B. A. B. C X. C. A. D D. D. A. B Question ID: 1841223322 Q.11 Which article of Indian constitution make provisions to present before the Parliament a statement of estimated receipts and expenditures of the government in respect of	,	1100 00	
Chopra - javelin throw Question ID: 1841223318 Plaunched the second window of Swavalamban Challenge Fund (SCF) rata as prioritised theme in November 2021? Housing Bank (NHB) rastructure Finance Company Ltd (IIFCL) industries Development Bank of India (Sidbi) al Finance Corporation of India (IFCI) Question ID: 1841223327 Prect match from the options given below: Stupa - Sarnath a Stupa - Taxila Stupa - Ranchi pa - Nalanda Question ID: 1841223322	Question ID : 1841223318 Question ID : 1841223327			
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Stupa - Sarnath a Stupa - Taxila Stupa - Ranchi pa - Nalanda Question ID : 1841223322 f Indian constitution make provisions to present before the Parliament a stimated receipts and expenditures of the government in respect of	A. Chaukhandi Stupa - Sarnath B. Dharmarajika Stupa - Taxila C. Boudhanath Stupa - Ranchi D. Bharhut Stupa - Nalanda Ans Ans A. A, C B. A, B, C C. A, D D. A, B Question ID: 1841223322 Question ID: 1841223322			Question ID : 1841223327
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f Indian constitution make provisions to present before the Parliament a stimated receipts and expenditures of the government in respect of	X B. A, B, C X C. A, D ✓ D. A, B Question ID : 1841223322 Q.11 Which article of Indian constitution make provisions to present before the Parliament a statement of estimated receipts and expenditures of the government in respect of	Q.10	A. Chaukhandi Stupa - Sarnath B. Dharmarajika Stupa -Taxila C. Boudhanath Stupa - Ranchi	a des
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f Indian constitution make provisions to present before the Parliament a stimated receipts and expenditures of the government in respect of	Question ID : 1841223322 Question ID : 1841223322 Question ID : 1841223322		★ B. A, B, C	
f Indian constitution make provisions to present before the Parliament a stimated receipts and expenditures of the government in respect of	Question ID : 1841223322 Question ID : 1841223322 Question ID : 1841223322			8
f Indian constitution make provisions to present before the Parliament a stimated receipts and expenditures of the government in respect of	Question ID : 1841223322 Question ID : 1841223322 Question ID : 1841223322			
f Indian constitution make provisions to present before the Parliament a stimated receipts and expenditures of the government in respect of	Q.11 Which article of Indian constitution make provisions to present before the Parliament a statement of estimated receipts and expenditures of the government in respect of			0°
stimated <mark>receipts a<mark>nd</mark> expendi<mark>tures</mark> of the government in respect of</mark>	statement of estimated receipts a <mark>nd</mark> expendit <mark>ures</mark> of the government i <mark>n</mark> respect of			Question ID : 1841223322
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112 51 78 65	Ans	Q.11	statement of estimated receipts and expenditures of the govern	
51 78 65	X B. Article 151 X C. Article 178 X D. Article 165	Ans	A. Article 112	
78 65	C. Article 178 D. Article 165		X B. Article 151	
65	➤ D. Article 165		X C. Article 178	
	A S. Audolo Teo		X D. Article 165	
			A Dividio 100	
Question ID : 1841223326	Question ID : 1841223326		24	Question ID : 1841223326
Question ID : 184122	Question ID : 184122	Ans	A. Article 112 X B. Article 151 X C. Article 178	Question ID : 18412 2
the Gas Authority of India Limited was set up as a public sector transport and market natural gas?		Ans	✓ A. 1984	
the Gas Authority of India Limited was set up as a public sector	Ans 🚀 A. 1984		★ B. 1975	
the Gas Authority of India Limited was set up as a public sector			X C 1990	
the Gas Authority of India Limited was set up as a public sector	★ B. 1975			
the Gas Authority of India Limited was set up as a public sector	✗ B. 1975✗ C. 1990			
the Gas Authority of India Limited was set up as a public sector	★ B. 1975			
the Gas Authority of India Limited was set up as a public sector	✗ B. 1975✗ C. 1990✗ D. 1960			Question ID : 1841223328

lns	Where is Paradwip port which specializes in the A. Odisha	
	X B. West Bengal	
	X C. Andhra Pradesh	
	X D. Karnataka	
	D. Kalilataka	
		Question ID : 1841223329
Q.14	is the classical music of Kashmir, whic Muquam).	h uses its own ragas (known as
Ans	X A. Muquam Kalam	
	X B. Kalam-e-Kashmir	
	✓ C. Sufiana Kalam	
	X D. Kalam-e- Shah	
		Question ID : 1841223324
Q.15 Ans	is the main festival of Karnataka, which m	arks the Kannada New Year.
Allo	X B. Bonalu	
	X C. Pongal	
	✓ D. Ugadi	
	D. Ogadi	3 00
		Question ID : 1841223325
	Goods and Services Tax Council was constitute	d as per
Ans	X A. Article 300A	30.10
	✓ B. Article 279A	
	C. Article 290A	
	X D. Article 338A	· ·
		Question ID : 1841223332
		Question iD . 1841223332

Q.18 Who pioneered the movement in support of widow remarriage and girls' education in Ans A. Kandukuri Veeresalingam X B. Chembeti Sridharalu Naidu X C. Shree Narayana Guru X D. Jotirao Govindrao Phule Question ID: 1841223321 Q.19 Birju Maharaj, a recipient of Padma Vibhushan was legend of India's ___ X A. Kuchipudi dance X B. Bharatnatyam dance X C. Mohiniattam dance D. Kathak dance Question ID: 1841223323 Q.20 The Consumer Protection Act, 2019 extends to the whole of India except Ans X A. The State of Sikkim X B. Andaman Nicobar Islands C. the State of Jammu and Kashmir X D. Daman and Diu Question ID: 1841223320



If $(4x^2 + xy)$: $(3xy - y^2) = 22.9$, find which of the following is x/y? \times B. $\frac{7}{8}$

 \times D. $\frac{5}{6}$

Question ID: 1841223339

Q.3 The area of an equilateral triangle is $121\sqrt{3}$ sq.cm, find the perimeter.

Ans X A. 62 cm

X B. 52 cm

X C. 56 cm

✓ D. 66 cm

Question ID: 1841223348

Q.4 A wheel turns 420 times around its axle to cover a distance of 2.2 km. The diameter of the wheel will be

dince Engin

Ans

$$\times$$
 A 134 $\frac{2}{5}$ cm

$$✓$$
 B. $166\frac{2}{3}$ cm

$$\times$$
 c. 143 $\frac{1}{3}$ cm

$$\times$$
 D. $153\frac{1}{4}$ cm

Question ID: 1841223349

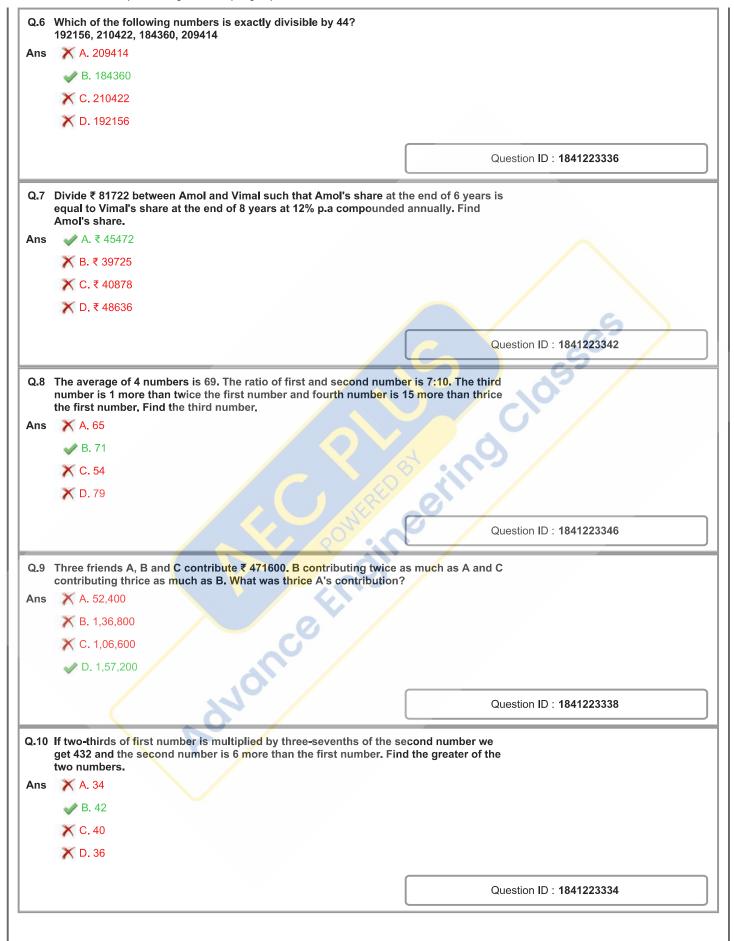
Q.5 P lends identical sums of money to X, Y and Z for a period of 3 years. The simple interest charged being 6% p.a, $8\frac{1}{3}$ % p.a and 12% p.a. At the end of the third year P invests the total interest received for one year @15% pa SI and earns an interest of ₹ 2607, find the individual amount lent by P to X, Y and Z.

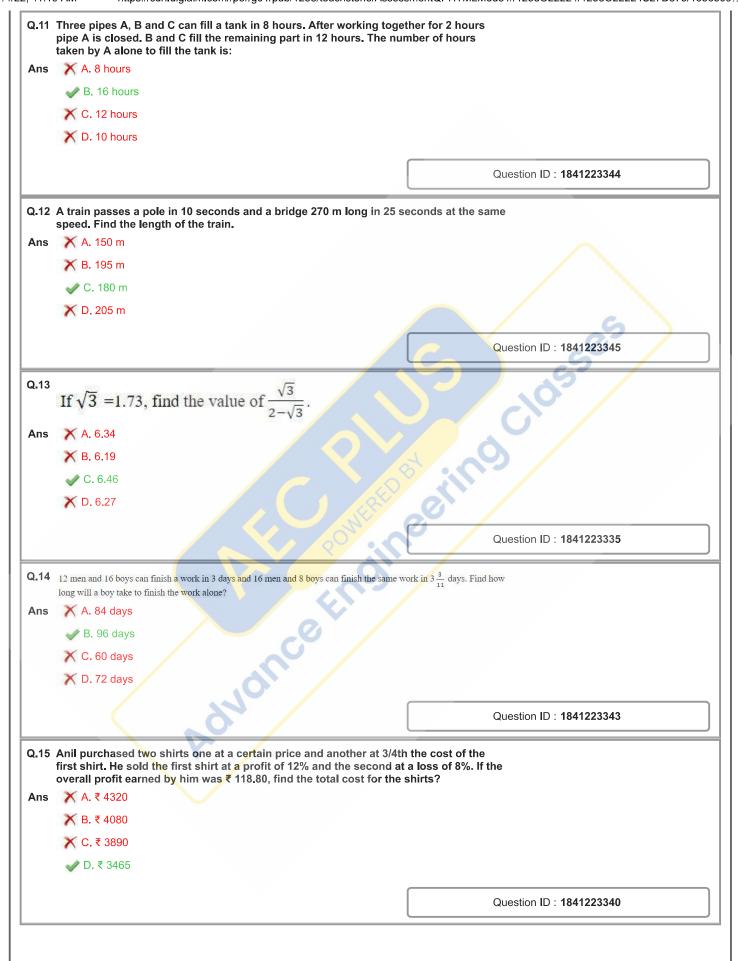
Ans X A. ₹ 18000

X B. ₹ 21600

C. ₹ 22000

X D. ₹ 19800

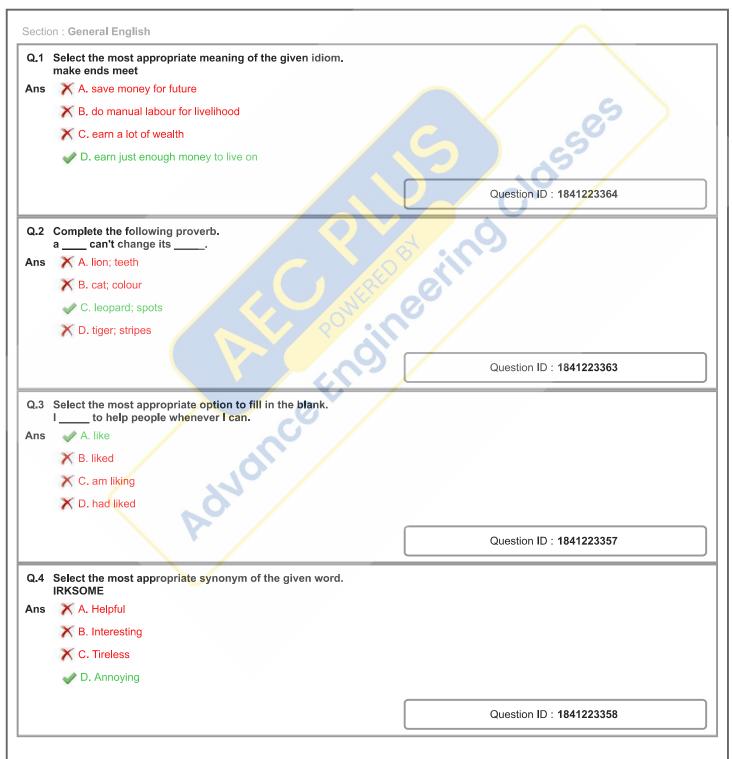




Q.16 An alloy contains 30% copper, 26% nickel and rest zinc. How much zinc is present in 14 kg of the alloy? Ans X A. 6.05 kg X B. 6.31 kg X C. 6.24 kg / D. 6.16 kg Question ID: 1841223337 Q.17 Water flows through a cylindrical pipe whose internal diameter is 10.5 cm at 2 m per second. If the pipe is always half full, then what is the volume of water discharged in 10 minutes? X A. 9708 litres Ans X B. 8935 litres X C. 9320 litres D. 10395 litres Question ID: 1841223350 Q.18 The average age of Father, mother and daughter is 40 years. In 5 years mother will be twice her daughter's age then. In 10 years the father's age will be 5 more than twice his daughter's age then. Find the father's current age. Ans X A. 48 years X B. 52 years X C. 50 years D. 55 years Question ID: 1841223347 Q.19 Based on the table below of marks obtained by 100 students in 2 subjects and the aggregate. Answer the following question. Marks out of 80 70 and above 60 and above 50 and above 40 and above 20 and above Maths 25 62 78 100 Science 20 56 80 100 Aggregate 23 59 79 100 What is the percentage of students getting at least 60 marks in science over those getting 50% in maths? (approximately) Ans ✓ A. 26% X B. 18% C. 23%

X D. 31%

Q.20 $0.04 \times 0.04 \times 0.04 + 0.06 \times 0.06 \times 0.06$ Solve: $0.04 \times 0.04 - 0.04 \times 0.06 + 0.06 \times 0.06$ ✓ A. 0.10 X B. 0.02 X C. -0.10 X D. -0.02 Question ID: 1841223333



Q.5	Select the most appropriate option to fill in the blanks in the two sentences given below.	
	The tribes in Himachal Hills weave some very warm woolen material. In the of time this pandemic will also become history.	
Ans	A. course; coarse	
	X B. coarse; coarse	
	X C. course; course	
	✓ D. coarse; course	
	Question ID : 1841223361	
Q.6	Select the sentence part which has an error in spelling. If there is no error, select 'No	
	error'. His lifestyle entailed a number of dietery prohibitions which traditionally included vegetarianism.	
Ans		
	X B. No error	
	X C. traditionally included vegetarianism.	
	✓ D. dietery prohibitions which	
	Question ID: 1841223366	
Q.7	Select the most appropriate antonym of the given word.	
	ACCELERATE	
Ans		
	B. Hinder	
	X C. Quicken	
	★ C. Quicken ★ D. Expedite	
	X C. Quicken	
Q.8	C. Quicken D. Expedite Question ID: 1841223360 Complete the following proverb.	
	C. Quicken D. Expedite Question ID: 1841223360 Complete the following proverb.	_
	C. Quicken D. Expedite Question ID: 1841223360 Complete the following proverb.	
	C. Quicken D. Expedite Question ID: 1841223360 Complete the following proverb.	
	C. Quicken D. Expedite Question ID: 1841223360 Complete the following proverb.	
	C. Quicken D. Expedite Question ID: 1841223360 Complete the following proverb.	
Q.8 Ans	Complete the following proverb. a bird in hand is A. more valuable than two on the tree B. better than three C. worth two in the bush	
	Complete the following proverb. a bird in hand is X A. more valuable than two on the tree X B. better than three X C. worth two in the bush X D. to be set free Question ID: 1841223362	
	Complete the following proverb. a bird in hand is X A. more valuable than two on the tree X B. better than three C. worth two in the bush D. to be set free Question ID: 1841223362 Select the most appropriate option to fill in the blank.	
Ans	Complete the following proverb. a bird in hand is A. more valuable than two on the tree B. better than three C. worth two in the bush D. to be set free Question ID: 1841223362 Select the most appropriate option to fill in the blank. We believe that lives of great men can make our lives sublime.	
Ans	Complete the following proverb. a bird in hand is A. more valuable than two on the tree B. better than three C. worth two in the bush D. to be set free Question ID: 1841223362 Select the most appropriate option to fill in the blank. We believe that lives of great men can make our lives sublime.	
Ans	Complete the following proverb. a bird in hand is A. more valuable than two on the tree B. better than three C. worth two in the bush D. to be set free Select the most appropriate option to fill in the blank. We believe that lives of great men can make our lives sublime. A. Strongly B. Narrowly	
Ans	C. Quicken D. Expedite Complete the following proverb. a bird in hand is A. more valuable than two on the tree B. better than three C. worth two in the bush D. to be set free Question ID: 1841223362 Select the most appropriate option to fill in the blank. We believe that lives of great men can make our lives sublime. A. Strongly B. Narrowly C. Widely	
Ans	Complete the following proverb. a bird in hand is A. more valuable than two on the tree B. better than three C. worth two in the bush D. to be set free Select the most appropriate option to fill in the blank. We believe that lives of great men can make our lives sublime. A. Strongly B. Narrowly	
Ans	C. Quicken D. Expedite Complete the following proverb. a bird in hand is A. more valuable than two on the tree B. better than three C. worth two in the bush D. to be set free Question ID: 1841223362 Select the most appropriate option to fill in the blank. We believe that lives of great men can make our lives sublime. A. Strongly B. Narrowly C. Widely	

Q.10	Select the most appropriate synonym of the given word. INGENUOUS	
Ans	✓ A. Honest	
	X B. Worried	
	X C. Clever	
	X D. Deceitful	
		Question ID: 1841223359
Q.11	Select the most appropriate option to fill in the blank.	ohilo
Ans	Father got angry Avika as she was busy playing with mo	oblie.
	X B. On	
	C. With	
	X D. To	
		Question ID : 1841223354
Q.12	Select the sentence part which has an error in spelling. If there error'. Democritus was a Greek philosopher primarily remambered to	
	of an atomic theory of the universe.	ouay for this formulation
Ans	X A. No error	
	B. primarily remambered today for his formulation	
	X C. Democritus was a Greek philosopher	3
	X D. of an atomic theory of the universe.	
		Question ID : 1841223367
Q . 13	Select the most appropriate option to fill in the blank. A group of Brahmins was walking a forest when they m	et a hermit
Ans		
	X B. Under	
	X C. Over	
	✓ D. Through	
	E. mough	
	X A. Besides X B. Under X C. Over D. Through	Question ID : 1841223353
2 14	Select the most appropriate idiom to fill in the blank.	
a(. 14	When he heard that he had got admission in IIT, he was	
Ans	X A. on the ball	
	X B. on the ropes	
	C. on top of the world	
	X D. on the hot seat	
		Question ID : 1841223365

	Select the most appropriate option to fill in the blank. When we lived in Seychelles, we our Sundays on the beach.	
ns	X A. have spent	
	X B. are spending	
	C. spent	
	X D. spend	
		Question ID : 1841223356

The earth's crust is made up of various types of rocks. Any natural mass of mineral matter that makes up the earth's crust is called a rock. Rocks can be of different colour, size and texture. There are three major types of rocks: igneous rocks, sedimentary rocks and metamorphic rocks.

When the molten magma cools, it becomes solid. Rocks thus formed are called igneous rocks. They are also called primary rocks. There are two types of igneous rocks: intrusive rocks and extrusive rocks.

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Rocks roll down, crack, and hit each other and are broken down into small fragments. These smaller particles are called sediments. These sediments are transported and deposited by wind, water, etc. These loose sediments are compressed and hardened to form layers of rocks. These types of rocks are called sedimentary rocks. For example, sandstone is made from grains of sand. These rocks may also contain fossils of plants, animals and other microorganisms that once lived on them.

Igneous and sedimentary rocks can change into metamorphic rocks under great heat and pressure. For example, clay changes into slate and limestone into marble.

SubQuestion No: 16

Q.16 Extrusive Igneous rocks are formed

X A, from the change over of some rocks

B. from cooled down magma on the earth's surface

C. from sediments deposited by wind and water

X D. from the solidified magma inside the earth

Read the following passage and answer the questions given after it.

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dvoince Engil

SubQuestion No: 17

Q.17 What kind of rock is the basalt rock?

Δne

A. extrusive igneous rock

X B. intrusive igneous rock

C. sedimentary rock

X D. metamorphic rock

Read the following passage and answer the questions given after it.

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SubQuestion No: 18

Q.18 Match the change of rocks.

main ingredient	changed form
a. clay	1. marble
b. limestone	2. granite
c. molten magma inside earth	3. sandstone
d. grains of sand	4. slate
A. a-2, b-1, c-3, d-4	(0)
B. a-1, b-2, c-4, d-3 C. a-3, b-4, c-1, d-2	0, 1
D. a-4, b-1, c-2, d-3	
MOIN	
(, 0 /	

Ans X A. a-2, b-1, c-3, d-4

X B. a-1, b-2, c-4, d-3

C. a-3, b-4, c-1, d-2

D. a-4, b-1, c-2, d-3

Read the following passage and answer the questions given after it.

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dvoince Engil

SubQuestion No: 19

Q.19 In which kind of rocks are the fossils of animals and plants found?

Ans X A, intrusive igneous rocks

X B. metamorphic rocks

C. sedimentary rocks

X D. extrusive igneous rocks

Read the following passage and answer the questions given after it.

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SubQuestion No: 20

Q.20 The theme of the passage revolves around ___

Δne

A. the types of rocks

X B. volcanoes

C. changing of rocks

X D. crust of the earth

Question ID : 1841223369

Q.3 इनमें 'होश की दावा करना' मुहावरे का अर्थ है-🥒 A. सोच-समझकर कहना 🟋 B. घमंड चूर हो जाना 💢 C. आश्चर्य में होना 🗶 D. होश उड़ जाना Question ID: 1841223383 Q.4 इनमें 'संस्तुति' का पर्यायवाची शब्द कौनसा है? Ans 💢 A. प्रार्थना 🗶 В. घोषणा 🥓 C. सिफ़ारिश 💢 D. प्रतिष्ठान Question ID: 1841223380 Q.5 'अतएव' शब्द का उचित संधि-विच्छेद है-🗙 A. अ: + एव 💢 B. अ + तएव \chi C. अत + एव 🥒 D. अत: + एव Q.6 अपादान कारक युक्त वाक्य हैceknoir 💢 A. शिकारी ने खरगोश मारा। 🗙 B. वह कुल्हाड़ी से वृक्ष काटता है। 🗶 C. माँ ने बच्चे को बुला<mark>या</mark>। 🥓 D. छत से उतरी हुई लता। Question ID: 1841223375 Q.7 इनमें कौनसा पूर्ण भूतकाल वाला वाक्य नहीं है? 💢 A. सिकंदर ने हिन्दुस्तान पर चढ़ाई की थी। 🗶 B. देश में अकाल पड़ा था। 🗶 C. आज स<mark>बेरे</mark> मैं आपके यहाँ गया था। 🥓 D. हो सकता है कि उसने यह बात सुनी हो। Question ID: 1841223385 Q.8 इनमें अधिकरण कारक की विभक्ति कौनसी है? Ans 🟋 A. से **अ** B. पर **X** C. री 🗶 D. अरे Question ID: 1841223374

Q.9 अधोलिखित में 'ख्याली पुलाव पकाना' किस मुहावरे का अर्थ है? Ans 🥓 A. हवाई किला बनाना 🟋 B. हवाइयाँ उड़ाना 🗶 C. हवाई किला ढा देना 🗶 D. हवा फिरना Question ID: 1841223382 Q.10 इनमें कौनसा अनिश्चित संख्यावाचक विशेषण नहीं है? 🥓 A. पूरा आनंद 🗶 в. पूरे टुकड़े 🗶 c. बहुतेरे उपाय \chi D. सब पेड़ Question ID: 1841223377 Q.11 किस विकल्प में लोकोक्ति और उसका अर्थ सुमेलित नहीं है? 🔭 A. साँच को आँच कहाँ 🗕 जो सच्चा है उसे क्या डर 🥓 B. तेल देखो तेल की धार देखो – दूरवर्ती वस्तुएं अच्छी मालूम होती है 💢 C. चोर के पैर नहीं होते 🗕 अपराधी में साहस नहीं होता है 🗙 D. धूल फाँकन 🗕 दर-दर की ठोकरें खाना Q.12 'खीझना' का विलोम युग्म कौनसा है? Ans 🗙 A. बूझना 🥓 B. रीझना \chi c. मिलना \chi D. चिढ़ाना Question ID: 1841223381 करो। उचित क्रिया विशेषण का चयन कर रिक्त स्थान की पूर्ति कीजिए। Q.13 तुम यह काम _ 📉 A. केवल 🗙 B. न 🗶 C. नहीं 🥒 D. मत Question ID: 1841223376 Q.14 किस विकल्प में शब्द का संधि विच्छेद अनुचित है? **Ans** X A. वि + सम = विषम 🗙 В. प्र + मान = प्रमाण 🥒 C. अहो + रूप = अहोरूप \chi D. सम् + कल्प = संकल्प Question ID: 1841223379

Q.15 किस विकल्प में सर्वनाम तथा विशेषण का शुद्ध रूप प्रयुक्त नहीं हुआ है?

💢 A. तुमसे कोई काम नहीं हो सकता।

🥒 B. उसने हमको कहा।

💢 C. भारत के और देशों के साथ संबंध अच्छे हैं।

🗶 D. सभी चीजें यहाँ छोड़ दो।

Question ID: 1841223387

Comprehension:

विद्या, कला, कविता, साहित्य, धन और राजस्व से भी आचरण की सभ्यता अधिक ज्योतिष्मती है। आचरण की सभ्यता को प्राप्त करके एक कंगाल आदमी राजाओं के दिलों पर भी अपना प्रभुत्व जमा सकता है। इस सभ्यता के दर्शन से कला, साहित्य, और संगीत को अद्भुत सिद्धि प्राप्त होती है। राग अधिक मृदु हो जाता है, विद्या का तीसरा शिव-नेत्र खुल जाता है, चित्र-कला का मौन राग अलापने लग जाता है; वक्ता चूप हो जाता है; लेखक की लेखनी थम जाती हैं; मूर्ति बनाने वाले के सामने नये कपोल, नये नयन और नयी छवि का दृश्य उपस्थित हो जाता

आचरण की सभ्यतामय भाषा सदा मौन रहती है। इस भाषा का निघण्टु शुद्ध श्वेत पत्रों वाला है। इसमें नाममात्र के लिए भी शब्द नहीं। यह सभ्याचरण नाद करता हुआ भी मौन है, व्याख्यान देता हुआ भी व्या<mark>ख्यान</mark> के पीछे छिपा है, रागु गाता हुआ भी राग के सुर के भीतर पड़ा है। मृदु वचनों की मिठास में आचरण की सभ्यता मौन रूप से खुली हुई है। नम्रता, दया, प्रेम और उदारता सब के सब सभ्याचरण की भाषा के मौन व्याख्यान हैं। मनुष्य के जीवन पर मौन व्याख्यान का प्रभाव चिरस्थायी होता है और उसकी आत्मा का एक <mark>अंग हो जाता</mark> है।

SubQuestion No: 16

Q.16 गद्यांश के लिए अधिक उपयुक्त शीर्षक कौनसा है?

🟋 A. आचरण की महिमा

💢 B. आचरण और समाज

💢 C. आचरण की शुद्धता

🥒 D. आचरण की सभ्यता

Question ID: 1841223394

Comprehension:

विद्या, कला, कविता, साहित्य<mark>, धन और राजस्व से भी आचरण की स</mark>भ्यता अधिक ज्योतिष्प<mark>ती</mark> है। आचरण की सभ्यता को प्राप्त करके एक कं<mark>गाल आदमी राजाओं के दिलों पर</mark> भी अपना प्रभुत्व जमा <mark>सक</mark>ता है। इस सभ्यता के दर्शन से कला, साहित्य, और संगीत को अद्भुत सिद्धि प्राप्त होती है। राग अधिक मृदु हो जाता है; विद्या का तीसरा शिव-नेत्र खुल जाता है, चित्र-<mark>कला का मौन राग</mark> अलापने लग जाता है; वक्ता चुप हो जाता है; लेखक की लेखनी थम जाती हैं; मूर्ति बनाने <mark>वाले</mark> के <mark>सामने नये</mark> कपोल, नये नयन और न<mark>यी छ</mark>वि का दृश्य उपस्थित हो जाता

आचरण की सभ्यतामय भाषा सदा मौन रहती है। इ**स** भाषा का निघण्टु <mark>शु</mark>द्ध श्वेत पत्रों वाला है। इसमें नाममात्र के लिए भी शब्द नहीं<mark>। यह सभ्याचरण नाद करता हुआ भी मौन है, व्यांख्यान देता हुआ भी व्याख्यान के पीछे</mark> छिपा है, राग गाता <mark>हु</mark>आ भी राग के सुर के भीतर पड़ा है। मृदु वचनों की मिठास में आचरण की सभ्यता मौन रूप से खुली हुई है। <mark>न</mark>म्रता, दया, प्रेम और उदारता सब के सब <mark>स</mark>भ्याचरण की भाषा के मौन व्याख्यान हैं। मनुष्य के जीवन पर मौन व्याख्यान का प्रभाव चिरस्थायी होता है <mark>और</mark> उसकी आत्मा का एक अंग हो जाता है।

SubQuestion No: 17

Q.17 गद्यांश के अनुसार कौनसी भाषा सदा मौन रहती है?

Ans

🥒 A. आचरण की सभ्यताम्य

💢 B. लेखक की लेखनी वाली

🗶 C. मूर्ति बनाने वाले की

🗶 D. गीतकार की

विद्या, कला, कविता, साहित्य, धन और राजस्व से भी आचरण की सभ्यता अधिक ज्योतिष्मती है। आचरण की सभ्यता को प्राप्त करके एक कंगाल आदमी राजाओं के दिलों पर भी अपना प्रभुत्व जमा सकता है। इस सभ्यता के दर्शन से कला, साहित्य, और संगीत को अद्भुत सिद्धि प्राप्त होती है। राग अधिक मृदु हो जाता है; विद्या का तीसरा शिव-नेत्र खुल जाता है, चित्र-कला का मौन राग अलापने लग जाता है; वक्ता चुप हो जाता है; लेखक की लेखनी थम जाती है; मूर्ति बनाने वाले के सामने नये कपोल, नये नयन और नयी छवि का दृश्य उपस्थित हो जाता है।

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SubQuestion No: 18

Q.18 गद्यांश के अनुसार मनुष्य जीवन पर कौनसा प्रभाव चिरस्थायी होता है?

Ans

🥓 A. मौन व्याख्यान का

🗶 B. कला का

💢 C. साहित्य का

\chi D. संस्कृति का

Question ID: 1841223393

Comprehension:

विद्या, कला, कविता, साहित्य, धन और राजस्व से भी आचरण की सभ्यता अधिक ज्योतिष्मती है। आचरण की सभ्यता को प्राप्त करके एक कंगाल आदमी राजाओं के दिलों पर भी अपना प्रभुख जमा सकता है। इस सभ्यता के दर्शन से कला, साहित्य, और संगीत को अद्भुत सिद्धि प्राप्त होती है। राग अधिक मृदु हो जाता है; विद्या का तीसरा शिव-नेत्र खुल जाता है, चित्र-कला का मौन राग अलापने लग जाता है; वक्ता चुप हो जाता है; लेखक की लेखनी थम जाती है; मूर्ति बनाने वाले के सामने नये कपोल, नये नयन और नयी छवि का दृश्य उपस्थित हो जाता है।

आचरण की सभ्यतामय भाषा सदा मौन रहती है। इस भाषा का निघण्टु शुद्ध रवेत पत्रों वाला है। इसमें नाममात्र के लिए भी शब्द नहीं। यह सभ्याचरण नाद करता हुआ भी मौन है, व्याख्यान देता हुआ भी व्याख्यान के पीछे छिपा है, राग गाता हुआ भी राग के सुर के भीतर पड़ा है। मृदु वचनों की मिठास में आचरण की सभ्यता मौन रूप से खुली हुई है। नम्रता, दया, प्रेम और उदारता सब के सब सभ्याचरण की भाषा के मौन व्याख्यान हैं। मनुष्य के जीवन पर मौन व्याख्यान का प्रभाव चिरस्थायी होता है और उसकी आत्मा का एक अंग हो जाता है।

SubQuestion No: 19

Q.19 एक कंगाल आदमी राजाओं के दिलों पर कैसे प्रभुत्व जमा सकता है?

Δns

💢 A. विद्या और कला द्वारा

🧪 B. आचरण की सभ्यता प्राप्त कर

🗶 C. मौन व्याख्यान द्वारा

\chi D. साहित्य और धन द्वारा

विद्या, कला, कविता, साहित्य, धन और राजस्व से भी आचरण की सभ्यता अधिक ज्योतिष्मती है। आचरण की सभ्यता को प्राप्त करके एक कंगाल आदमी राजाओं के दिलों पर भी अपना प्रभुत्व जमा सकता है। इस सभ्यता के दर्शन से कला, साहित्य, और संगीत को अद्भुत सिद्धि प्राप्त होती है। राग अधिक मृदु हो जाता है; विद्या का तीसरा शिव-नेत्र खुल जाता है, वित्र-कला का मौन राग अलापने लग जाता है; वक्ता चुप हो जाता है; लेखक की लेखनी थम जाती है; मूर्ति बनाने वाले के सामने नये कपोल, नये नयन और नयी छवि का दृश्य उपस्थित हो जाता है।

आचरण की सभ्यतामय भाषा सदा मौन रहती है। इस भाषा का निघण्टु शुद्ध श्वेत पत्रों वाला है। इसमें नाममात्र के लिए भी शब्द नहीं। यह सभ्याचरण नाद करता हुआ भी मौन है, व्याख्यान देता हुआ भी व्याख्यान के पीछे छिपा है, राग गाता हुआ भी राग के सुर के भीतर पड़ा है। मृदु वचनों की मिठास में आचरण की सभ्यता मौन रूप से खुली हुई है। नम्रता, दया, प्रेम और उदारता सब के सब सभ्याचरण की भाषा के मौन व्याख्यान हैं। मनुष्य के जीवन पर मौन व्याख्यान का प्रभाव चिरस्थायी होता है और उसकी आत्मा का एक अंग हो जाता है।

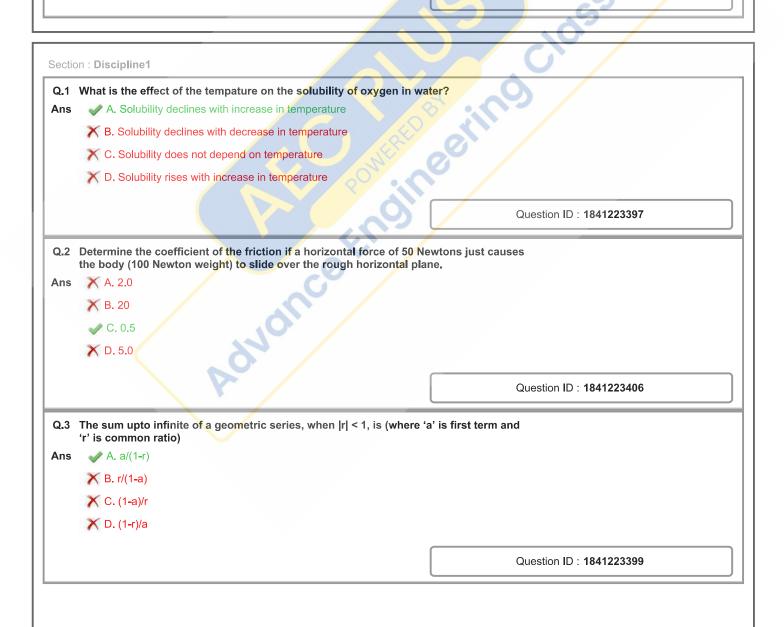
SubQuestion No : 20

Q.20 सभ्याचरण की भाषा के मौन व्याख्यान कौन-कौनसे हैं?

Ans 🗙 A. अहंकार, क्रोध और करुणा

🟋 C. घृणा, शांति और दया

\chi D. चित्रकला, संगीत और लेखन



ns	X A. very big, very big X B. very small, very small	
	C. very small, very long	
	X D. very big, very small	
	D. very big, very small	
		Question ID: 1841223412
	Which of the following is not a method for locating the centroid of	of an area?
ns	X A. Graphical Method	
	X B. Analytical Method	
	C. Method of Integration	
	D. Solemnity Method	
		Question ID : 1841223403
2.6	What will be the Modulus of the complex number (5-5i)/(3-4i)?	-6
ns	× A. √5	150
	✓ B. √2	-10.
	X C.√7	0,
	X D. √3	
		Question ID : 1841223400
. 7	A Cusan Deat weef in Suitable for ones which of the fall suite and	
u./ .ns	A Queen Post roof is Suitable for span which of the following span A. 2-5 m	an
	✓ B. 8-12 m	
	X C. 5-9 m	
	X D. 3-7 m	
		Question ID : 1841223414
8. .	If a object is charged by induction, then the object	
ns	X A. drops portion of the charge on it	
	B. drops entire of the charge on it	
	X C. changes neutral	
	D. does not drop any charge	
		Question ID: 1841223395

Ans	is known as	
	X A. Funicular Force Theorem	
	X B. Newton Theorem	
	C. Varignon's Theorem	
	X D. Law of triangle of forces	
		Question ID : 1841223402
	"In a linear circuit with several sources, the current and circuit is the sum of the currents and voltages produced independently", this theorem is known as:	
Ans	X A. Substitution	
	X B. Maximum Power Transfer	
	C. Superposition theorem	
	X D. Thevenin Theorem	5
		Question ID : 1841223410
 Q.11	The energy essential to transfer a 50-coulomb charge the	prough a potential difference of
	2 V is:	
Ans	✓ A. 100 J	
	★ B. 50 J	
	X C. 25 J	
	▼ D. 10 J	
		Question ID : 1841223407
Q <u>.</u> 12	Which of the following is not used as Coagulants for dri	inking water treatment?
Ans	X A. Ferrous sulphate	
	X B. Sodium aluminate	
	C. Chlorinated ferrous sulphate	
	B. Sodium aluminateC. Chlorinated ferrous sulphateD. Ferric chloride	
	(0)	Out of the ID : 4044999999
		Question ID : 1841223398

Q.14 Which of the following is the unit of inertia of mass? Ans X A. kg/m **X** B. m³ X C. kg/m² ✓ D. kg-m² Question ID: 1841223404 Q.15 Parallel axis theorem given by the following expression, where (I = moment of inertia, Ic = moment of inertia about the center, M = mass h = distance between the two axes). Ans \times A. I = $(I_c)^2$ + Mh² X B. I = Ic + Mh \times C. I = $(I_c)^2$ + Mh \nearrow D. I = Ic + Mh² Question ID: 1841223405 Q.16 The melting temperature of a solid is usually considered to be the freezing point of the corresponding liquid. Ans X A. Lower than X B. Zero C. Same as X D. Higher than Question ID: 1841223396 Q.17 For the 'gears' which of the following is false? Ans X A. It is having Constant velocity ratio B. It is having bulky construction X C. It is having Positive drive X D. It is transmiting large power Question ID: 1841223411 Q.18 Which of the following is aessential part of the boiler? Ans X A. Pressure guage X B. Safety valve C. Heat exchanger X D. Economizer Question ID: 1841223413

Q.19	The size of the earthing wire is depenent of the which of the	ne factor?
Ans	A. Ampere capacity of the service wires	
	X B. Atmospheric surroundings	
	X C. Humidity of the soil	
	X D. Voltage of the service wire	
		Question ID: 1841223408
	in this sylem the force acting on a body are in the same pa	alne, but their lines of action
	In this sytem the force acting on a body are in the same pa do not meet at the same point. This is known as:	aine, but their lines of action
	do not meet at the same point. This is known as: A. Coplaner Non-concurrent Force System	alne, but their lines of action
	do not meet at the same point. This is known as: A. Coplaner Non-concurrent Force System B. Coplaner concurrent Force System	aine, but their lines of action
	do not meet at the same point. This is known as: A. Coplaner Non-concurrent Force System	alne, but their lines of action
	do not meet at the same point. This is known as: A. Coplaner Non-concurrent Force System B. Coplaner concurrent Force System	alne, but their lines of action
	do not meet at the same point. This is known as: A. Coplaner Non-concurrent Force System B. Coplaner concurrent Force System C. Non-Coplaner Non-concurrent Force System	Question ID : 1841223401

Sectio	on : Discipline2
Q.1	In the relation \triangle = 8.64 A/D, D is the duty in hectare/cumecs, A is the number of days of the base period and \triangle is
Ans	X A. Duty in meters
	X B. Depth of water in cms
	C. Area of the irrigation
	✓ D. Depth of water in meters
	Question ID : 1841223426
Q.2	This is the edge of the sheets slates or tiles which projects beyond the gable end of
Ans	the sloped roof. This is known as X A. Cleats
Alla	X B. Eaves
	C. Verge
	D. Wall plate
	Question ID : 1841223420
Q.3	In this irrigation system, irrigation water is supplied according to the crop water requirement at regular intervals, throughout the life cycle of the crop. The water for
	such irrigation may be obtained from rivers or from wells.
Ans	X A. Flow irrigation system
	✓ B. Perennial irrigation system
	X C. Lift irrigation system
	X D. Flooding type irrigation system
	Question ID : 1841223424

Ans	Which of the following is not a classification of Brick bond? X A. Single Flemish bond			
	✓ B. Flint Bond			
	X C. Dutch Bond			
	X D. Raking Bond			
			Question ID : 1841223416	
Q.5 Ans	This is the undersurface of the arch: A. Soffit			
Alla	X B. Crown			
	X C. Springers			
	X D. Arcade			
			Question ID : 1841223417	
Q.6	The ratio of mean supply of canal to its full capacity is known as	factor.	-0	
Ans	X A. Discharge		65	
	X B. Efficiency		.03	
	X C. Supply			
	✓ D. Capacity		.0	
			Question ID : 1841223422	
	B. Water C. Turpentine D. White spirit			
	co ^v .		Question ID : 1841223419	
Q.8				
A	Common criteria for the size of Door used in India is:			
Ans	A. Width = 0.4 to 0.6 x Height			
Ans	A. Width = 0.4 to 0.6 x Height B. Width = 0.8 to 1.0 x Height			
Ans	A. Width = 0.4 to 0.6 x Height B. Width = 0.8 to 1.0 x Height C. Height = 0.4 to 0.6 x width			
Ans	A. Width = 0.4 to 0.6 x Height B. Width = 0.8 to 1.0 x Height			
Ans	A. Width = 0.4 to 0.6 x Height B. Width = 0.8 to 1.0 x Height C. Height = 0.4 to 0.6 x width		Question ID : 1841223418	
	A. Width = 0.4 to 0.6 x Height B. Width = 0.8 to 1.0 x Height C. Height = 0.4 to 0.6 x width D. Height = 0.8 to 1.0 x width A closed conduit for supplying water under pressure is known as		Question ID: 1841223418	
	A. Width = 0.4 to 0.6 x Height B. Width = 0.8 to 1.0 x Height C. Height = 0.4 to 0.6 x width D. Height = 0.8 to 1.0 x width A closed conduit for supplying water under pressure is known as A. Power	·	Question ID: 1841223418	
Q.9	A. Width = 0.4 to 0.6 x Height B. Width = 0.8 to 1.0 x Height C. Height = 0.4 to 0.6 x width D. Height = 0.8 to 1.0 x width A closed conduit for supplying water under pressure is known as	;	Question ID: 1841223418	
Q.9	A. Width = 0.4 to 0.6 x Height B. Width = 0.8 to 1.0 x Height C. Height = 0.4 to 0.6 x width D. Height = 0.8 to 1.0 x width A closed conduit for supplying water under pressure is known as A. Power	· -	Question ID: 1841223418	
Q.9	A. Width = 0.4 to 0.6 x Height B. Width = 0.8 to 1.0 x Height C. Height = 0.4 to 0.6 x width D. Height = 0.8 to 1.0 x width A closed conduit for supplying water under pressure is known as A. Power B. Hydraulic	;	Question ID: 1841223418	
Q.9	A. Width = 0.4 to 0.6 x Height B. Width = 0.8 to 1.0 x Height C. Height = 0.4 to 0.6 x width D. Height = 0.8 to 1.0 x width A closed conduit for supplying water under pressure is known as A. Power B. Hydraulic C. Feeder	·	Question ID: 1841223418 Question ID: 1841223425	

	Darcy's Frictional varies from 0.0005 fro new pipe to 0.0		
Ans	X A. Effect X B. Value		
	C. Coefficient		
	X D. Unit		
		Question ID : 1841223428	
	The velocity of fluid particle at the center of the pipe section is		
Ans	X A. Minimum		
	✓ B. Maximum		
	X C. Equal		
	X D. Zero		
		Question ID : 1841223429	
Q.12	For the Francis Turbines flow ratio, ratio varies from	60	
Ans	X A. 0.10 to 0.12	65	
	X B. 0.30 to 0.45	103	
	X C. 0.05 to 0.03		
	✓ D. 0.15 to 0.30		
	Which of the following is the hardware part of the computer sys	Question ID : 1841223431	
	A. Caches Memory B. SQL C. Buffer		
	A. Caches Memory B. SQL		
Ans	A. Caches Memory ** B. SQL ** C. Buffer ** D. Excel Which of the following is not a example of shallow foundation?	Question ID : 1841223432	
Q.14 V	A. Caches Memory ** B. SQL ** C. Buffer ** D. Excel Which of the following is not a example of shallow foundation? ** A. Grillage footing	Question ID : 1841223432	
Q.14 \(\frac{1}{2}\)	A. Caches Memory ** B. SQL ** C. Buffer ** D. Excel Which of the following is not a example of shallow foundation?	Question ID : 1841223432	
Q.14 \(\frac{1}{2}\)	A. Caches Memory ** B. SQL ** C. Buffer ** D. Excel Which of the following is not a example of shallow foundation? ** A. Grillage footing	Question ID : 1841223432	
Ans	A. Caches Memory ** B. SQL ** C. Buffer ** D. Excel Which of the following is not a example of shallow foundation? ** A. Grillage footing ** B. Wall footing	Question ID : 1841223432	
Q.14 \(\frac{1}{2}\)	A. Caches Memory **B. SQL **C. Buffer **D. Excel Which of the following is not a example of shallow foundation? **A. Grillage footing **B. Wall footing **C. Open Caissoons	Question ID : 1841223432	
Q.14 V	A. Caches Memory B. SQL C. Buffer D. Excel Which of the following is not a example of shallow foundation? A. Grillage footing B. Wall footing C. Open Caissoons D. Isolated footing	Question ID : 1841223432	
Q.14 Ans	A. Caches Memory **B. SQL **C. Buffer **D. Excel Which of the following is not a example of shallow foundation? **A. Grillage footing **B. Wall footing **C. Open Caissoons	Question ID : 1841223432	
Q.14 Ans	A. Caches Memory B. SQL C. Buffer D. Excel Which of the following is not a example of shallow foundation? A. Grillage footing B. Wall footing C. Open Caissoons D. Isolated footing Which of the following is required in each C program?	Question ID : 1841223432	
Q.14 Ans	A. Caches Memory B. SQL C. Buffer D. Excel Which of the following is not a example of shallow foundation? A. Grillage footing B. Wall footing C. Open Caissoons D. Isolated footing Which of the following is required in each C program? A. Input data B. Output data	Question ID : 1841223432	
Q.14 Ans	 ★ A. Caches Memory ★ B. SQL ★ C. Buffer ★ D. Excel Which of the following is not a example of shallow foundation? ★ A. Grillage footing ★ B. Wall footing ★ C. Open Caissoons ★ D. Isolated footing Which of the following is required in each C program? ★ A. Input data ★ B. Output data ★ B. Output data ★ C. Phonological 	Question ID : 1841223432	
Q.14 V Ans	A. Caches Memory B. SQL C. Buffer D. Excel Which of the following is not a example of shallow foundation? A. Grillage footing B. Wall footing C. Open Caissoons D. Isolated footing Which of the following is required in each C program? A. Input data B. Output data	Question ID : 1841223432	

⊋.16 ∣	The patches of the plaster when scaled off either due to bond with the under coat is called as	lack of adhesion or filaure of		
Ans				
	X D. Grinning			
		Question ID : 1841223421		
Q.17	Dimesionless parameter not applicable to flowing fluids	s, is		
Ans	X A. Reynold's number			
	B. Kinetic viscosity			
	X C. Friction factor			
	X D. Pressure coefficient			
		Question ID : 1841223427		
2.18	Condition for the maximum discharge for a given value where 'E' is specific energy 'h' is critical depth.	of specific energy is given by		
Ans	X A. E = 2h/3			
	X B. E = 5h/2			
	X C. E = 7h/2			
		33 310 3		
		Question ID : 1841223430		
Q.19	The theory which gives equ <mark>al weightage to horizontal a</mark>	nd vertical creep is known as		
٠.	theory. A. Bligh's			
Ans		20 ,		
	X B. Kennedy's			
	X C. Lacey's			
	X D. Fender's			
	C. Lacey's D. Fender's	Question ID : 1841223423		
	Which of the following is a operating system?			
Ans	X A. Firefox			
	✓ B. Fedora			
	X C. Mozzila			
	X D. MATLAB			
		Question ID : 1841223434		

Section: Discipline3

A. Sudden B. Prograssive C. Intensive D. Gradual Illus of elasticity and Poisson's ratio of a material are 2.1 units a extively. The modulus of rigidity for the same material is A. 2.73 units B. 0.81 units C. 1.6 units D. 1.5 units h of the following is not the example of gravity conduits? A. Open channel B. Flumes C. Pipelines D. Tunnels	Question ID : 1841223447 Question ID : 1841223447
C. Intensive D. Gradual Illus of elasticity and Poisson's ratio of a material are 2.1 units a extively. The modulus of rigidity for the same material is A. 2.73 units B. 0.81 units C. 1.6 units D. 1.5 units The following is not the example of gravity conduits? A. Open channel B. Flumes C. Pipelines D. Tunnels	Question ID : 1841223447
D. Gradual alus of elasticity and Poisson's ratio of a material are 2.1 units a ectively. The modulus of rigidity for the same material is A. 2.73 units B. 0.81 units C. 1.6 units D. 1.5 units h of the following is not the example of gravity conduits? A. Open channel B. Flumes C. Pipelines D. Tunnels	Question ID : 1841223447
Illus of elasticity and Poisson's ratio of a material are 2.1 units a ectively. The modulus of rigidity for the same material is A. 2.73 units B. 0.81 units C. 1.6 units D. 1.5 units h of the following is not the example of gravity conduits? A. Open channel B. Flumes C. Pipelines D. Tunnels	Question ID : 1841223447
A. 2.73 units B. 0.81 units C. 1.6 units D. 1.5 units h of the following is not the example of gravity conduits? A. Open channel B. Flumes C. Pipelines D. Tunnels	Question ID : 1841223447
A. 2.73 units B. 0.81 units C. 1.6 units D. 1.5 units h of the following is not the example of gravity conduits? A. Open channel B. Flumes C. Pipelines D. Tunnels	Question ID : 1841223447
A. 2.73 units B. 0.81 units C. 1.6 units D. 1.5 units h of the following is not the example of gravity conduits? A. Open channel B. Flumes C. Pipelines D. Tunnels	Question ID : 1841223447
B. 0.81 units C. 1.6 units D. 1.5 units h of the following is not the example of gravity conduits? A. Open channel B. Flumes C. Pipelines D. Tunnels	Class
C. 1.6 units D. 1.5 units h of the following is not the example of gravity conduits? A. Open channel B. Flumes C. Pipelines D. Tunnels	Class
h of the following is not the example of gravity conduits? A. Open channel B. Flumes C. Pipelines D. Tunnels	Class
h of the following is not the example of gravity conduits? A. Open channel B. Flumes C. Pipelines D. Tunnels	Class
A. Open channel B. Flumes C. Pipelines D. Tunnels	Class
A. Open channel B. Flumes C. Pipelines D. Tunnels	ing class
A. Open channel B. Flumes C. Pipelines D. Tunnels	Question ID: 1841223453
A. Open channel B. Flumes C. Pipelines D. Tunnels	Question ID: 1841223453
C. Pipelines D. Tunnels	Question ID: 1841223453
D. Tunnels	Question ID : 1841223453
	Question ID : 1841223453
	Question ID : 1841223453
	Question ID : 1841223453
cular bar of 10 mm diameter subjected to a torque of 1964 Nmm ected to an axial pull of 520.70 N. By what percentage the maxim s will increase?	is further um shea <mark>ri</mark> ng
A. 30%	
B. 40%	
C. 10%	
D. 20%	
	Question ID : 1841223446
d W falls upon a bar from a height, h extending it through δ . The ar is A. $W\overline{\delta}/2$ B. Wh C. $W(h+\delta)$ D. $W\delta$	
	Question ID: 1841223450
a A	ar is a. Wδ/2 b. Wh c. W(h+ δ)

	Relation between Specific Creep 'C' and time under load 't' is given	
Q.O	constant).	
Ans	\times A. c = ta/(a+bt)	
	\times B. c = t/(at+b)	
	\times C. c = tb/(a+bt)	
	✓ D. c = t/(a+bt)	
		Question ID : 1841223440
Q.7	The wire winding or strapping of a thin cylinder will increase pre capacity. The longitudinal stress	essure carrying
Ans	X A. will remain unaffected	
	X B. may increase or decrease	
	C. will increase	
	X D. will decrease	
		6
		Question ID : 1841223445
Q.8 Ans	➤ B. Per capita demand = Monthly water consumption (in liters)/30	
Ans	X A. Per capita demand = yearly water consumption (in liters)/(36	population × 30)
	 A. Per capita demand = yearly water consumption (in liters)/(369 B. Per capita demand = Monthly water consumption (in liters)/300 C. Per capita demand = Monthly water consumption (in liters)/(page 2014) 	population × 30)
Ans	 A. Per capita demand = yearly water consumption (in liters)/(365) B. Per capita demand = Monthly water consumption (in liters)/365 C. Per capita demand = Monthly water consumption (in liters)/(po D. Per capita demand = yearly water consumption (in liters)/(po 	O) population × 30) pulation × 365) Question ID : 1841223452
Ans Q.9	 A. Per capita demand = yearly water consumption (in liters)/(368) B. Per capita demand = Monthly water consumption (in liters)/(po C. Per capita demand = Monthly water consumption (in liters)/(po D. Per capita demand = yearly water consumption (in liters)/(po Mass concrete in which large stones each of 500N or more are entire to the point of the point o	O) population × 30) pulation × 365) Question ID : 1841223452
Ans Q.9	 A. Per capita demand = yearly water consumption (in liters)/(363) B. Per capita demand = Monthly water consumption (in liters)/(p C. Per capita demand = Monthly water consumption (in liters)/(po D. Per capita demand = yearly water consumption (in liters)/(po Mass concrete in which large stones each of 500N or more are expected. A. Pozzolanic Concrete 	O) population × 30) pulation × 365) Question ID : 1841223452
Ans Q.9	 A. Per capita demand = yearly water consumption (in liters)/(363) B. Per capita demand = Monthly water consumption (in liters)/(363) C. Per capita demand = Monthly water consumption (in liters)/(power of the power of the power	O) population × 30) pulation × 365) Question ID : 1841223452
Ans Q.9	 A. Per capita demand = yearly water consumption (in liters)/(368) B. Per capita demand = Monthly water consumption (in liters)/(2000) C. Per capita demand = Monthly water consumption (in liters)/(2000) D. Per capita demand = yearly water consumption (in liters)/(2000) Mass concrete in which large stones each of 500N or more are e	O) population × 30) pulation × 365) Question ID : 1841223452
Ans	 A. Per capita demand = yearly water consumption (in liters)/(368) B. Per capita demand = Monthly water consumption (in liters)/(2000) C. Per capita demand = Monthly water consumption (in liters)/(2000) D. Per capita demand = yearly water consumption (in liters)/(2000) Mass concrete in which large stones each of 500N or more are e	O) population × 30) pulation × 365) Question ID : 1841223452
Ans Q.9	 A. Per capita demand = yearly water consumption (in liters)/(368) B. Per capita demand = Monthly water consumption (in liters)/(2000) C. Per capita demand = Monthly water consumption (in liters)/(2000) D. Per capita demand = yearly water consumption (in liters)/(2000) Mass concrete in which large stones each of 500N or more are e	O) population × 30) pulation × 365) Question ID : 1841223452
Ans Q.9	 A. Per capita demand = yearly water consumption (in liters)/(368) B. Per capita demand = Monthly water consumption (in liters)/(2000) C. Per capita demand = Monthly water consumption (in liters)/(2000) D. Per capita demand = yearly water consumption (in liters)/(2000) Mass concrete in which large stones each of 500N or more are e	Oppulation × 30) Appulation × 365) Question ID : 1841223452 The pulation × 365 and the p
Q.9 Ans	 A. Per capita demand = yearly water consumption (in liters)/(368) B. Per capita demand = Monthly water consumption (in liters)/(2000) C. Per capita demand = Monthly water consumption (in liters)/(2000) D. Per capita demand = yearly water consumption (in liters)/(2000) Mass concrete in which large stones each of 500N or more are e	Oppulation × 30) Appulation × 365) Question ID : 1841223452 The pulation × 365 and the p
Q.9 Ans	 A. Per capita demand = yearly water consumption (in liters)/(363) B. Per capita demand = Monthly water consumption (in liters)/(263) C. Per capita demand = Monthly water consumption (in liters)/(263) D. Per capita demand = yearly water consumption (in liters)/(263) Mass concrete in which large stones each of 500N or more are each of 500N or more are	Oppulation × 30) Spulation × 365) Question ID : 1841223452 Question ID : 1841223443
Q.9 Ans	 A. Per capita demand = yearly water consumption (in liters)/(363) B. Per capita demand = Monthly water consumption (in liters)/(363) C. Per capita demand = Monthly water consumption (in liters)/(363) D. Per capita demand = yearly water consumption (in liters)/(363) D. Per capita demand = yearly water consumption (in liters)/(363) A. Pozzolanic Concrete B. Boron Concrete C. Terrazo Concrete D. Cyclopean Concrete 	Oppulation × 30) Spulation × 365) Question ID : 1841223452 Question ID : 1841223443
Q.9 Ans	 A. Per capita demand = yearly water consumption (in liters)/(363) B. Per capita demand = Monthly water consumption (in liters)/(263) C. Per capita demand = Monthly water consumption (in liters)/(263) D. Per capita demand = yearly water consumption (in liters)/(263) Mass concrete in which large stones each of 500N or more are each of 500N or more are	Oppulation × 30) Spulation × 365) Question ID : 1841223452 Question ID : 1841223443
Q.9 Ans	 A. Per capita demand = yearly water consumption (in liters)/(363) B. Per capita demand = Monthly water consumption (in liters)/(263) C. Per capita demand = Monthly water consumption (in liters)/(263) D. Per capita demand = yearly water consumption (in liters)/(263) Mass concrete in which large stones each of 500N or more are each of 500N or more are	Oppulation × 30) Spulation × 365) Question ID : 1841223452 Question ID : 1841223443
Q.9 Ans	 A. Per capita demand = yearly water consumption (in liters)/(368) B. Per capita demand = Monthly water consumption (in liters)/30 C. Per capita demand = Monthly water consumption (in liters)/(powdorder) D. Per capita demand = yearly water consumption (in liters)/(powdorder) Mass concrete in which large stones each of 500N or more are expected with the stone of the stone of	Oppulation × 30) Spulation × 365) Question ID : 1841223452 Question ID : 1841223443

Q.11	For the same given length, cross-section and material which column load.	can carry highest
Ans	X A. Free at one end, fixed at other	
	X B. Fixed at one end, hinged at other	
	X C. Hinged at both ends	
	D. Fixed at both ends	
		Question ID : 1841223444
Q.12	C ₃ A content is found more effective for following type of cement	
Ans	X A. Rapid hardening cement	
	X B. Low heat cement	
	X C. Air Entraining cement	
	D. Sulphate resisting cement	
		Question ID : 1841223436
Q.13	Which of the following is admixture that slows the chemical process	of hydration?
Ans	X A. Acrylic polymer	53
	X B. Acrylic Acid	-10
	X C. Carboxylated Acrylic Ester	
	✓ D. Calcium sulphate	
		Question ID : 1841223439
O 14	A cantilever beam AB of length 'I' is supported at 'B' and carries a U	DL (w) per unit
ω. I T	length . Which is incorrect?	BE W per unit
Ans	A. The reaction at the support B is WL/4.	
	X B. structure is redu <mark>n</mark> dant by o <mark>ne degree</mark> .	
	C. Number of equations of equilibrium is 3	
	X D. Total no. of unknowns, '4'	
	D. Total no. of unknowns, '4'	
		Question ID : 1841223449
ຼ ጋ.15	Which of the following test apparatus is used to find the Soundness	of Cement?
Ans	X A. Vicat Apparatus	
	X B. Le Chaterlier"s flask	
	X C. Pycnometer	
	D. Le-Chatelier mold	
		Question ID : 1841223438

	What is the reason to reinforced concrete by steel rods?	
Ans	A. Concrete is very weak in tension	
	X B. Steel is stiffer than concrete	
	C. Concrete is a costly material	
	X D. Concrete is very strong in compression	
		Question ID : 1841223448
		Question ID . 1041223440
Q.17	Fat concrete is one which contains large proportion of	
Ans	A. Mortar	
	X B. Sand	
	X C. Aggregate	
	X D. Cement	
		0 10 10 101100111
		Question ID : 1841223441
Q. 18	Minimum weight of 12.5 mm coarse aggregate sample (not for all in Aggregates sample) for sieve analysis as per IS 2386 (Part-1)-1963 for will be	600
Ans	✓ A. 12 kg	
	★ B. 3 kg	
	★ C. 1 kg	O'
	★ D. 6 kg	
		Question ID : 1841223437
		Question ID . 1041223437
Q.19	According to Indian standards the value of sludge index for normal sludge range	es
Ans	between A. 150-350	
, 1110	X B. 0-10	
	× C. 500-1000	
	X D. 10-150	
		Question ID: 1841223454
Q.20	As per IS 269:1989 for 33 grade cement weight of the magnesia not more than in composition.	
Ans	X A. 10%	
	★ B. 8%	
	✓ C. 0.06	
	X D. 12%	

Section : Discipline4

Q.1	Between Biological Oxygen Demand and Chemical Oxygen Demand the greater o two is	f the
Ans		
	X B. Both are equal	
	X C. Biological Oxygen Demand	
	X D. Depends on the sewage characteristics	
		Question ID : 1841223457
Q.2	.2 Coarse grained soil contains material half of which is lager than micron.	
Ans	ns X A. 150	
	★ B. 300	
	✓ C. 75	
	X D. 600	
		0 11 12 1011001
		Question ID : 1841223467
Q.3	3 What will be self-cleansing velocity for 30 to 60 cm diameter sewer is?	5
Ans	ns X A. 45 cm/sec	9
	✓ B. 75 cm/sec	-10.
	X C. 65 cm/sec	0,
	X D. 55 cm/sec	Ò
		Question ID : 1841223461
Q.4 Ans	.4 French polish is a varnish. as A. Spirit	
	X B. Refined	
	X C. Oil	
	X D. Kero	
		Question ID : 1841223465
Q.5	5 Membrane theory technique is used for testing	
Ans		
	X B. Copper	
	X C. Dissolved gases	
	D. B Coli	
		Question ID : 1841223456

Q.6	Immediately above the pump valve is placed to reduce bahammer.	ck surge of water
Ans	X A. Float	
	X B. Sluice	
	C. Reflux	
	X D. Air	
		Question ID: 1841223460
		Question ID . 1641223460
Q.7	The national Board of fire under writer formula will be, when popequal to 200000 (Q = amount of water required, P = population in	
Ans	\checkmark A. Q = 4637√P(1-0.01√P)	
	X B. Q = 4637√P(1.2)	
	X C. Q = 3182√P	
	X D. Q = 5663√P	
		Question ID : 1841223458
lns	oven dried sand weighs W3. The Moisture Content of soil is A. (W2-W3)/(W2-W1) * 100 B. (W2-W3)/(W3-W1) * 100 C. (W2-W3)/(W1-W2) * 100 D. (W1-W2)/(W2-W3) * 100	S inocho's
		Question ID : 1841223470
Q.9 Ans	Carborundum is aabrasive stone. A. polishing B. mild C. surfacing D. robust	
		Question ID : 1841223464
Q.10 Ans	As per IS 3025 Part 23 (1986), before the determination of Alkaln should be free from which of the following? X A. chlorine X B. phenolphthalein X C. Odour	
	✓ D. Turbidity	

1.11	Soil of weight W has moisture content w. The dry density o the volume of proctor mould.	f soil is where V is
Ans	X A. VW/(1 + w)	
	X B. V(1 + w)/W	
	✓ C. W/V(1 + w)	
	X D. V/W(1 + w)	
		Question ID : 1841223471
	Lime concrete in foundation should be laid in horizontal lay mm thick when consolidated.	/er, not exceeding
lns	× A. 250	
	✓ B. 150	
	X C. 100	
	X D. 300	
		Question ID : 1841223469
	As per IS 2386 (1963) what should be minimum weight of sa of 50 mm in substantial portion.	ample havinf maximum size
lns	✓ A. 100 Kg	
	★ B. 50 Kg	O.
	X C. 25 kg	
	X D. 6 Kg	100
		Question ID : 1841223462
14.1	Wired glass is prepared by embedding wire netting in glass	
Ans	A. heating	, plate during
	X B. preparation	0)
	C. rolling	
	X D. manufacture	
		Question ID: 1841223466
		Question 15 : 10-11220-100
.15	Uniformity coefficient is the ratio of the sieve size through	which% (by weight)
	of the material passes to the sieve size that allows 10% of t	he material to pass.
ns	A. 60	
	★ B. 40	
	× C. 80	
	X D. 25	
		0 11 15 4011000100
		Question ID : 1841223468

	The effect of rib shortening in two-hinged arch is to red thrust by	luce the value of horizontal
Ans	✓ A. about 3 %	
	X B. about 2 %	
	X C. about 4 %	
	X D. about 1 %	
		Question ID : 1841223473
	Kankar is used for producing lime.	
Ans	X A. Building	
	X B. Fat	
	X C. Pure	
	✓ D. Hydraulic	
		Question ID : 1841223463
		Question ID . 1041223403
Q.18	What will be the dilution of sewage which may be dispo	osed of without treatment into a
	water body?	5
Ans	A. More than 500	10.
	X B. More than 300	
	C. More than 150	
	X D. Less than 150	
		Question ID : 1841223455
	Which method is not used for finding the deflections of trusses?	Fjoints in pin-connected
Ans	✓ A. Angle Weight Method	
	X B. Joint Displacement Method	3
	X C. Williot-Mohr's Method	
	X D. Kani's Method	
	A Straine Modeled	
		Question ID : 1841223474
		QUESTION 15 . 1641225414
	The kinematic indeterminacy of the pin-jointed space fr	rame is
Ans	\times A. D _k = 2j – r	
	✓ B. D _k = 3j – r	
	\times C. $D_k = j - r$	
	\times D. D _k = 6j – r	
		Question ID : 1841223472

Section: Discipline5

	✓ A. Layout	
	X B. Limits	
	X C. Title block	
	X D. Space	
		Question ID : 1841223483
Q.2		ncrete is known as
ns	X A. Sheet Asphalt	
	B. Wearing coat	
	X C. Renewal coat	
	X D. Flooring	
		Outpeties ID + 4044933405
		Question ID : 1841223485
Q.3 .ns	In structural steel, Upper yield point in the stress-str	rain curve can be avoided by
	✓ B. Hot Working	
	X C. Galvanising	
	X D. Quenching	
		3
		Question ID : 1841223490
	NAMES ASSESSED TO A STATE OF THE STATE OF TH	A STATE OF THE STA
ม.4 เทร	What should be the minimum width of the passenge A. 2.66 m	r railway plateform for BG track?
	✓ B. 3.66 m	
	X C. 4.66 m	
	X D. 5.66 m	
	~	Question ID: 1841223488
	What is full form of CAD?	
	X A. Computer Added Drawing	
	A. Computer Added DrawingB. Computer Aided Detailing	
	A. Computer Added DrawingB. Computer Aided DetailingC. Computer Aided Design	
	A. Computer Added DrawingB. Computer Aided Detailing	
Q.5 Ans	A. Computer Added DrawingB. Computer Aided DetailingC. Computer Aided Design	Question ID : 1841223482

	X A. Devlopment			
	B. Induction			
	X C. Training			
	X D. Placement			
				0 11 10 10 10 10
				Question ID : 1841223478
Չ.7	Annual installment of	the sinking fund will be give	n by the following for	mula (n
		ntrest rate, s = amount of sir	ıking fund)	
Ans	7.1. 0/((1.1) 1)			
	X B. I= Si/((1-i) ⁿ -1)			
	\times C. I= i/(S(1+i) ⁿ -1)			
	\nearrow D. I = Si/((1+i) ⁿ -1)			
				Question ID : 1841223494
				addening . 10 made
2. 8	What amount will be r compoundintrest rate	ecivedat the end of 30 year i of 10%?	f Rs. 1 invested with	250
۱ns	✓ A. 1.1 ³⁰			
	X B. 0.1^30			
	× C. 0.9 ¹ 0			
	X D. 31^10			
				41,
				Question ID : 1841223493
		oil which evanorate by	exposure	
0 9	Coal tar has some		JA POOCATOI	
	Coal tar has some			
	A. Volatile			
	A. Volatile B. Lean		EUQ)	
	A. Volatile B. Lean C. Soft		EUQ)	
	A. Volatile B. Lean		EUQ)	
	A. Volatile B. Lean C. Soft	Co	EUQ)	Question ID : 1841223486
Ans	A. Volatile X B. Lean X C. Soft X D. Fluidy	dirice	FLUQ	
Q.10	A. Volatile B. Lean C. Soft D. Fluidy		FLUQ	
Q.10	A. Volatile ** B. Lean ** C. Soft ** D. Fluidy ** Tangent length of a si ** A. R tanØ/2	dirice	FLUQ	
Ans	✓ A. Volatile X B. Lean X C. Soft X D. Fluidy Tangent length of a si ✓ A. R tan∅/2 X B. R cot∅/2	dirice	FLUQ	
Q.10	A. Volatile X B. Lean X C. Soft X D. Fluidy Tangent length of a si A. R tanØ/2 X B. R cotØ/2 X C. R sinØ/2	dirice	FLUQ	
Q.10	✓ A. Volatile X B. Lean X C. Soft X D. Fluidy Tangent length of a si ✓ A. R tan∅/2 X B. R cot∅/2	dirice	FLUQ	
Q.10	A. Volatile X B. Lean X C. Soft X D. Fluidy Tangent length of a si A. R tanØ/2 X B. R cotØ/2 X C. R sinØ/2	dirice	FLUQ	

lns	For reversal of stresses the most suitable bolt is X A. Ordinary Bolt	
	X B. Black Bolt	
	✓ C. Friction grip Bolt	
	X D. Turned Bolt	
		Question ID: 1841223491
2.42	The seminary defines line above to victice consisting of a	declare data and
4.1 2	The command defines line characteristics consisting of c spaces.	asnes, dots, and
Ans	✓ A. LINETYPE	
	X B. POLYLINE	
	X C. LINE	
	X D. DONUT	
		Question ID : 1841223484
 Q.13	Equation of three moments is used for the analysis of the	CO CO
Ans	X A. Continuous beam	53
	X B. Simply supported beam	10-
	✓ C. Both continuous and fixed beams	
	X D. Fixed beam	
		3
		Question ID : 1841223476
2 4 4	Which of the following is not a important quality standard used	and the same of
Q. 14	Inventory?	as tools to control
Ans	✓ A. The outstanding register	
	X B. The maximum store	
	X C. The standard order	
	X D. The re-ordering point	
		Question ID: 1841223480
Q.15	Which of the following is not a type of organization?	
	Which of the following is not a type of organization? A. Line and staff organization	
	X A. Line and staff organization	
	A. Line and staff organizationB. Line organizationC. Functional organization	
Q.15 Ans	A. Line and staff organizationB. Line organization	

Q.16	Which of the following is the limitations of utilitarianism?	
Ans	X A. It is a form of consequentialism	
	X B. It's approach to moral reasoning used in business	
	C. It's un-predictability of the consequences of our actions	
	D. Its most ethical choice is the one that will produce the greatest god number	od for the greatest
		Question ID: 1841223481
Q.17	The effective length of the fillet weld is	
Ans	✓ A. Total length -2 x weld size	
	X B. Total length -√2 x weld size	
	X C. Total length -2 x throat size	
	D. 0.7 x total length	
		Question ID : 1841223492
	What is the formula to calculate the 'expected time' (a = optimistic tin likely time, b = pessimistc time)	ne, m = most
Ans	\times A. $T_e = (2a + 4 m + b)/6$	103
	\times C. $T_e = (a + 4 m + b)/8$	
	\times D. $T_e = (a + 4 m + 5b)/6$	1,09
		Question ID : 1841223479
Q.19	A propped cantilever beam of span 5 m carries 30 kN laod at a distan	ce 2 m fro <mark>m fi</mark> xed.
Ans	Determine the value of reaction component at the propped support. A. 23.76 kN	
Alla	X B. 20.80 kN	
	C. 6.24 kN	
	X D. 9.20 kN	
		Question ID : 1841223475
Q.20	Signals for main and branch lines are fixed on the same vertical post	. Such signals are
	known as X A. Calling Signal	
Ans		
	X B. Co-acting Signal	
	C. Repeating Signal	
	★ C. Repeating Signal✓ D. Routing Signal	
		Question ID : 1841223489