

OAVS PGT

**Previous Year Paper
(Chemistry)**

05 Jun, 2024 Shift 2



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ODISHA ADARSHA VIDYALAYA SANGATHAN
(Under School & Mass Education Department, Government of Odisha.)



Participant ID	
Participant Name	
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Test Date	05/06/2024
Test Time	2:00 PM - 5:20 PM
Subject	PGT Chemistry
Marks Obtained	

Section : Language Proficiency Test-General English

Q.1 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.
A. Meanwhile, other modes of expression, interpretation and comprehension, such as analysis and argument, have fallen to the wayside.
B. He argues that we've relied too heavily on storytelling conventions to understand the world around us.
C. There is a growing trend in American culture of what the literary theorist Peter Brooks calls 'storification'.
D. It has resulted in a 'narrative takeover of reality' that affects nearly every form of communication.

- Ans ✓ 1. CBDA
 ✗ 2. CADB
 ✗ 3. BACD
 ✗ 4. CABD

Question Type : MCQ
Question ID : 630680158379
Option 1 ID : 630680613046
Option 2 ID : 630680613044
Option 3 ID : 630680613047
Option 4 ID : 630680613045
Status : Not Answered
Chosen Option : --
Marks : 0

Q.2 Select the option that can be used as a one-word substitute for the given group of words/phrase.

Someone who dislikes and avoids other people

- Ans
- ✗ 1. Sycophant
 - ✗ 2. Iconoclast
 - ✗ 3. Gourmand
 - ✓ 4. Misanthrope

Question Type : MCQ
Question ID : 630680727046
Option 1 ID : 6306802849155
Option 2 ID : 6306802849154
Option 3 ID : 6306802849157
Option 4 ID : 6306802849156
Status : Answered
Chosen Option : 4
Marks : 1

Q.3 Which of the following options best improves the syntax and structure of the given sentence?

Walking through the forest, a stream was discovered by us.

- Ans
- ✗ 1. Walking through the forest, a stream was discovered.
 - ✓ 2. Walking through the forest, we discovered a stream.
 - ✗ 3. Walking through the forest, us discovered a stream.
 - ✗ 4. Walking through the forest, a stream was discovered by we.

Question Type : MCQ
Question ID : 630680772097
Option 1 ID : 6306803026337
Option 2 ID : 6306803026336
Option 3 ID : 6306803026339
Option 4 ID : 6306803026338
Status : Not Answered
Chosen Option : --
Marks : 0

Q.4 Select the option that rectifies the spelling error in the given sentence.

The patient who was put on a ventllater soon recovered.

- Ans
- ✗ 1. Wentilator
 - ✓ 2. Ventilator
 - ✗ 3. Ventillator
 - ✗ 4. Wentilater

Question Type : MCQ
Question ID : 630680729995
Option 1 ID : 6306802860593
Option 2 ID : 6306802860591
Option 3 ID : 6306802860594
Option 4 ID : 6306802860592
Status : Answered
Chosen Option : 2
Marks : 1

Q.5 Select the most appropriate option to fill in the blank.
They all walked through a dense jungle to discover the hidden treasure, _____.

- Ans ☒ 1. didn't they?
 ☐ 2. hasn't they?
 ☐ 3. do they?
 ☐ 4. did they?

Question Type : MCQ
Question ID : 630680317839
Option 1 ID : 6306801236447
Option 2 ID : 6306801236448
Option 3 ID : 6306801236445
Option 4 ID : 6306801236446
Status : Answered
Chosen Option : 1
Marks : 1

Q.6 Select the most appropriate verb to fill in the blank.
According to researchers, making connections with wealthier peers is _____ to higher earnings later in life.

- Ans ☒ 1. allied
 ☐ 2. alleged
 ☐ 3. alluded
 ☐ 4. aligned

Question Type : MCQ
Question ID : 630680164090
Option 1 ID : 630680635498
Option 2 ID : 630680635496
Option 3 ID : 630680635499
Option 4 ID : 630680635497
Status : Not Answered
Chosen Option : --
Marks : 0

Q.7 Select the option that expresses the given sentence in direct speech.

She asked me if I was happy then.

- Ans ☐ 1. She said to me, "Am I happy now?"
 ☐ 2. She said to me, "Were you happy now?"
 ☐ 3. She said to me, "Was I happy now?"
 ☒ 4. She said to me, "Are you happy now?"

Question Type : MCQ
Question ID : 630680545229
Option 1 ID : 6306802131620
Option 2 ID : 6306802131621
Option 3 ID : 6306802131619
Option 4 ID : 6306802131622
Status : Answered
Chosen Option : 4
Marks : 1

Q.8 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.
A) All moralists recommend honesty as a virtue. Is it also to be recommended as a policy! Is it a wise plan of action in all situations?! The answer is that it is.
B) Honesty is a virtue which is commendable from any point of view for everyone in any situation; dishonesty may bring immediate success but in the long run it will only bring disaster.
C) Honesty not only succeeds in the long run but also brings about mutual trust and confidence, an honest person has mental peace and is more relaxed in life.
D) An honest person is not tensed like a dishonest man who should be thinking of his fraudulent actions. Honesty ensures safety and inspires trust.

- Ans ☒ 1. BCAD
☒ 2. BACD
☒ 3. ABCD
☒ 4. DACB

Question Type : MCQ
Question ID : 630680164267
Option 1 ID : 630680636202
Option 2 ID : 630680636201
Option 3 ID : 630680636200
Option 4 ID : 630680636203
Status : Not Answered
Chosen Option : --
Marks : 0

Q.9 Select the option that expresses the given sentence in active voice.
The elaborate experiment had been meticulously designed by the team of scientists to test the hypothesis.

- Ans ☒ 1. The team of scientists had been meticulously designed the elaborate experiment to test the hypothesis.
☒ 2. The team of scientists has meticulously designed the elaborate experiment to test the hypothesis.
☒ 3. The team of scientists had meticulously designed the elaborate experiment to test the hypothesis.
☒ 4. The team of scientists meticulously designed the elaborate experiment to test the hypothesis.

Question Type : MCQ
Question ID : 630680607362
Option 1 ID : 6306802376599
Option 2 ID : 6306802376600
Option 3 ID : 6306802376597
Option 4 ID : 6306802376598
Status : Answered
Chosen Option : 3
Marks : 1

Q.10 Select the option that can be used as a one-word substitute for the given group of words.

A person who has beautiful handwriting

- Ans
- ☒ 1. Writer
 - ☒ 2. Artist
 - ☒ 3. Calligraphist
 - ☒ 4. Painter

Question Type : MCQ
Question ID : 630680772094
Option 1 ID : 6306803026327
Option 2 ID : 6306803026324
Option 3 ID : 6306803026325
Option 4 ID : 6306803026326
Status : Answered
Chosen Option : 3
Marks : 1

Q.11 Select the proverb that best fits the given scenario.

A person who often criticises others gets criticised themselves.

- Ans
- ☒ 1. Birds of a feather flock together.
 - ☒ 2. Too many cooks spoil the broth.
 - ☒ 3. A stitch in time saves nine.
 - ☒ 4. What goes around comes around.

Question Type : MCQ
Question ID : 630680772090
Option 1 ID : 6306803026308
Option 2 ID : 6306803026311
Option 3 ID : 6306803026310
Option 4 ID : 6306803026309
Status : Not Attempted and Marked For Review
Chosen Option : --
Marks : 0

Q.12 Select the most appropriate synonym of the underlined word.

Though the pandemic has caused widespread distress around the world, humanity has not lost hope.

- Ans
- ☒ 1. gratification
 - ☒ 2. discrimination
 - ☒ 3. anguish
 - ☒ 4. relish

Question Type : MCQ
Question ID : 63068069242
Option 1 ID : 630680267649
Option 2 ID : 630680267646
Option 3 ID : 630680267647
Option 4 ID : 630680267648
Status : Not Answered
Chosen Option : --
Marks : 0

Q.13 Select the option that expresses the given sentence in passive voice.

Sam didn't water the plants.

- Ans ☒ 1. The plants were not watered by Sam.
- ☐ 2. The plants was not water by Sam.
- ☐ 3. The plants was not watering by Sam.
- ☐ 4. The plants were not water by Sam.

Question Type : MCQ
Question ID : 630680729393
Option 1 ID : 6306802858248
Option 2 ID : 6306802858249
Option 3 ID : 6306802858251
Option 4 ID : 6306802858250
Status : Answered
Chosen Option : 1
Marks : 1

Q.14 Choose the proverb that suits the given situation most appropriately.

Instead of finding the solutions for their current problems, many people love to put blames on their forefathers' misdeeds committed long back. They ignore easily the fact that _____.

- Ans ☐ 1. We should not cut off our nose to spite the face
- ☐ 2. the family that prays together, stays together
- ☐ 3. if we don't like the heat, we have to get out of the kitchen
- ☒ 4. it is no use crying over the spilt milk

Question Type : MCQ
Question ID : 630680105563
Option 1 ID : 630680410311
Option 2 ID : 630680410314
Option 3 ID : 630680410313
Option 4 ID : 630680410312
Status : Not Answered
Chosen Option : --
Marks : 0

Q.15 Select the most appropriate option to fill in the blank.

The actress's ____ mesmerised all those who laid their eyes on her.

- Ans ☐ 1. personality
- ☐ 2. kindness
- ☐ 3. intelligence
- ☒ 4. beauty

Question Type : MCQ
Question ID : 630680104942
Option 1 ID : 630680407902
Option 2 ID : 630680407899
Option 3 ID : 630680407901
Option 4 ID : 630680407900
Status : Not Answered
Chosen Option : --
Marks : 0

Q.16 Select the most appropriate adjective to fill the blank.
All the children playing in the orchard were fascinated by the _____ figure of the angel.

- Ans ☒ 1. enchanting
 ☐ 2. palatable
 ☐ 3. imbibing
 ☐ 4. blabbering

Question Type : MCQ
Question ID : 630680158350
Option 1 ID : 630680612931
Option 2 ID : 630680612928
Option 3 ID : 630680612929
Option 4 ID : 630680612930
Status : Not Answered
Chosen Option : --
Marks : 0

Q.17 Select the option that rectifies the spelling error in the given sentence.

She was very weak after she recovered from neumonia.

- Ans ☒ 1. Pneumonia
 ☐ 2. Kneemonia
 ☐ 3. Nimonia
 ☐ 4. Pnimonia

Question Type : MCQ
Question ID : 630680730023
Option 1 ID : 6306802860703
Option 2 ID : 6306802860705
Option 3 ID : 6306802860704
Option 4 ID : 6306802860706
Status : Answered
Chosen Option : 1
Marks : 1

Q.18 Select the option that expresses the given sentence in reported speech.

Tom said, "I have never been to Paris."

- Ans ☐ 1. Tom said that he has never been to Paris.
 ☐ 2. Tom said that he never went to Paris.
 ☐ 3. Tom said that he never goes to Paris.
 ☒ 4. Tom said that he had never been to Paris.

Question Type : MCQ
Question ID : 630680539741
Option 1 ID : 6306802110087
Option 2 ID : 6306802110085
Option 3 ID : 6306802110088
Option 4 ID : 6306802110086
Status : Answered
Chosen Option : 4
Marks : 1

Q.19 Select the most appropriate ANTONYM of the underlined word.

“We will rejoice this well-deserved win with our audience,” expressed the team captain during the post-match press conference.

- Ans
- ☒ 1. preen
 - ☒ 2. waltz
 - ☒ 3. galumph
 - ☒ 4. caterwaul

Question Type : MCQ
Question ID : 630680112474
Option 1 ID : 630680435593
Option 2 ID : 630680435591
Option 3 ID : 630680435590
Option 4 ID : 630680435592
Status : Not Answered
Chosen Option : --
Marks : 0

Q.20 Select the most appropriate question tag to fill in the blank.

Tony is from Kerala, _____?

- Ans
- ☒ 1. isn't he
 - ☒ 2. aren't he
 - ☒ 3. weren't he
 - ☒ 4. wasn't he

Question Type : MCQ
Question ID : 630680729390
Option 1 ID : 6306802858236
Option 2 ID : 6306802858239
Option 3 ID : 6306802858238
Option 4 ID : 6306802858237
Status : Answered
Chosen Option : 1
Marks : 1

Section : Language Proficiency Test-Odia

Q.21 ନିମ୍ନମଧ୍ୟରୁ ଛୁଇଁ ଶବ୍ଦଟିକୁ ଚିହ୍ନିତ ଦିଅ ।

- Ans
- ☒ 1. ଯାତାୟାତ
 - ☒ 2. ମାଡ଼ି
 - ☒ 3. ଯୋଗିଶ୍ରେଷ୍ଠ
 - ☒ 4. ମାମୁ

Question Type : MCQ
Question ID : 630680814103
Option 1 ID : 6306803189631
Option 2 ID : 6306803189629
Option 3 ID : 6306803189632
Option 4 ID : 6306803189630
Status : Answered
Chosen Option : 4
Marks : -0.25

Q.22 'ଛୁଞ୍ଚିମାଛି ପରୀକ୍ଷା'ରୁ ଚିହ୍ନଟିର ଅର୍ଥ କ'ଣ ?

- Ans
- ☒ 1. ଛୁଞ୍ଚି ଓ ମାଛି ଦେଖିବା
 - ☒ 2. ଚନ୍ଦ୍ରଚନ୍ଦ୍ର ଦେଖିବା
 - ☒ 3. ଛୁଞ୍ଚିକୁ ମାଛି ପରି ଦେଖିବା
 - ☒ 4. କେବଳ ଛୁଞ୍ଚି ଓ ମାଛିକୁ ପରୀକ୍ଷା କରିବା

Question Type : MCQ
Question ID : 630680814135
Option 1 ID : 6306803189758
Option 2 ID : 6306803189760
Option 3 ID : 6306803189757
Option 4 ID : 6306803189759
Status : Answered
Chosen Option : 2
Marks : 1

Q.23 'ରକ୍ତ ଅଟେ ଅମ୍ଳ' - ଏହାକୁ ଏକପଦରେ ପ୍ରକାଶ କଲେ ନିମ୍ନ ମଧ୍ୟରୁ କେଉଁଟି ଠିକ୍ ହେବ?

- Ans
- ☒ 1. ରକ୍ତାମ୍ଳ
 - ☒ 2. ରକ୍ତାମ୍ଳ
 - ☒ 3. ରକ୍ତାମ୍ଳ
 - ☒ 4. ରକ୍ତାମ୍ଳ

Question Type : MCQ
Question ID : 630680814141
Option 1 ID : 6306803189782
Option 2 ID : 6306803189784
Option 3 ID : 6306803189781
Option 4 ID : 6306803189783
Status : Answered
Chosen Option : 1
Marks : 1

Q.24 ନିମ୍ନ ବାକ୍ୟ ମଧ୍ୟରୁ କେଉଁଟି କର୍ମ ବାଚ୍ୟର ଉଦାହରଣ ଚିହ୍ନଟି ଦିଅ ?

- Ans
- ☒ 1. କେତେବେଳେ ଆପଣଙ୍କର ଯିବା ହେବ ?
 - ☒ 2. ପିଲାମାନେ ଦଉଡ଼ୁଅଛନ୍ତି ।
 - ☒ 3. କାହାଦ୍ୱାରା ଏ ବହି ଲେଖା ହୋଇଅଛି ?
 - ☒ 4. କେତେବେଳେ ଆପଣ ଯିବା ହେବେ ?

Question Type : MCQ
Question ID : 630680814151
Option 1 ID : 6306803189821
Option 2 ID : 6306803189822
Option 3 ID : 6306803189824
Option 4 ID : 6306803189823
Status : Answered
Chosen Option : 3
Marks : 1

Q.25 ନିମ୍ନଲିଖିତ କେଉଁ ବାକ୍ୟଟି ଶୁଦ୍ଧ ଦର୍ଶାଏ ?

- Ans
- ✗ 1. ପୁସ୍ତକଟି ପ୍ରଶଂସା ଓ ବହୁ ଲୋକଙ୍କର ଆଦର କରିଛି ଲାଭ ।
 - ✗ 2. ପୁସ୍ତକଟି ବହୁ ଲୋକଙ୍କର ଲାଭ କରିଛି ପ୍ରଶଂସା ଓ ଆଦର ।
 - ✓ 3. ପୁସ୍ତକଟି ବହୁ ଲୋକଙ୍କର ପ୍ରଶଂସା ଓ ଆଦର ଲାଭ କରିଛି ।
 - ✗ 4. ପୁସ୍ତକଟି ବହୁ ପ୍ରଶଂସା ଓ ଆଦର ଲୋକଙ୍କର ଲାଭ କରିଛି ।

Question Type : MCQ
Question ID : 630680814172
Option 1 ID : 6306803189906
Option 2 ID : 6306803189907
Option 3 ID : 6306803189908
Option 4 ID : 6306803189905
Status : Answered
Chosen Option : 4
Marks : -0.25

Q.26 'ଠେକିଏ ପାଣି ପିଆଇବା'ରୁଢ଼ିଟିର ଅର୍ଥ କ'ଣ ?

- Ans
- ✓ 1. ଅସ୍ତବ୍ୟସ୍ତ କରି ପକେଇବା
 - ✗ 2. ଠେକିରେ ପାଣି ଭାଲିବା
 - ✗ 3. ଠେକିରୁ ପାଣି ଆଣିଦେବା
 - ✗ 4. ଠେକିରେ ମୁହଁ ଦେଇ ପାଣି ପିଇବା

Question Type : MCQ
Question ID : 630680814134
Option 1 ID : 6306803189755
Option 2 ID : 6306803189756
Option 3 ID : 6306803189753
Option 4 ID : 6306803189754
Status : Not Answered
Chosen Option : --
Marks : 0

Q.27 'ବୃକ୍ଷ'ର ସମାର୍ଥବୋଧକ ଶବ୍ଦଟି କ'ଣ ?

- Ans
- ✗ 1. ପ୍ରସ୍ତନ
 - ✗ 2. ସର
 - ✗ 3. ବିପିନ
 - ✓ 4. ବିବପୀ

Question Type : MCQ
Question ID : 630680814117
Option 1 ID : 6306803189686
Option 2 ID : 6306803189688
Option 3 ID : 6306803189685
Option 4 ID : 6306803189687
Status : Answered
Chosen Option : 4
Marks : 1

Q.28 ଏକା _____ ଶୀତ ଯାଏ ନାହିଁ । ନିମ୍ନ ମଧ୍ୟରୁ ଉପଯୁକ୍ତ ଶବ୍ଦ ଯୋଗରେ ଶୂନ୍ୟ ସ୍ଥାନ ପୂରଣ କର ।

- Ans ☒ 1. ମାଘରେ
- ☒ 2. ଫଗୁଣରେ
- ☒ 3. ପୌଷରେ
- ☒ 4. ମାର୍ଗଶୀରରେ

Question Type : MCQ
Question ID : 630680814107
Option 1 ID : 6306803189647
Option 2 ID : 6306803189648
Option 3 ID : 6306803189646
Option 4 ID : 6306803189645
Status : Answered
Chosen Option : 1
Marks : 1

Q.29 ଶୁଦ୍ଧ ଶବ୍ଦଟିକୁ ଚିହ୍ନଟ କର ।

- Ans ☒ 1. ଜାତ୍ୟଭିମାନୀ
- ☒ 2. ଜାତ୍ୟଭିମାନୀ
- ☒ 3. ଯାତ୍ୟଭିମାନୀ
- ☒ 4. ଜାତିଭିମାନୀ

Question Type : MCQ
Question ID : 630680814124
Option 1 ID : 6306803189714
Option 2 ID : 6306803189713
Option 3 ID : 6306803189716
Option 4 ID : 6306803189715
Status : Answered
Chosen Option : 3
Marks : -0.25

Q.30 ନିମ୍ନମଧ୍ୟରୁ ଭୁଲ ଶବ୍ଦଟିକୁ ଚିହ୍ନଟ କର ।

- Ans ☒ 1. ନିର୍ଲୋଭୀ
- ☒ 2. ନିରହଞ୍ଜାର
- ☒ 3. ନିର୍ଲୋଭ
- ☒ 4. ପରିତ୍ୟାଜ୍ୟ

Question Type : MCQ
Question ID : 630680814102
Option 1 ID : 6306803189625
Option 2 ID : 6306803189628
Option 3 ID : 6306803189627
Option 4 ID : 6306803189626
Status : Answered
Chosen Option : 1
Marks : 1

Q.31 'କାମରେ ହାତ ଦେବା'ରୁଦ୍ଧିତର ଅର୍ଥ କ'ଣ ?

- Ans
- 1. କାର୍ଯ୍ୟ ସାରିବା
 - 2. କାର୍ଯ୍ୟ ନକରିବା
 - 3. କାର୍ଯ୍ୟ ସିଦ୍ଧି ହେବା
 - 4. କାର୍ଯ୍ୟ ଆରମ୍ଭ କରିବା

Question Type : MCQ
Question ID : 630680814128
Option 1 ID : 6306803189730
Option 2 ID : 6306803189731
Option 3 ID : 6306803189729
Option 4 ID : 6306803189732
Status : Answered
Chosen Option : 4
Marks : 1

Q.32 ନିମ୍ନ ବାକ୍ୟ ମଧ୍ୟରୁ କେଉଁଟି କର୍ତ୍ତୃ ବାଚ୍ୟର ଉଦାହରଣ ଚିହ୍ନଟ ଦିଅ ?

- Ans
- 1. ଶୁଭଲକ୍ଷ୍ମୀର ଟି.ଭି. ଦେଖାହେଉଛି ।
 - 2. ଶୁଭଲକ୍ଷ୍ମୀ ଟି.ଭି. ଦେଖୁଛି ।
 - 3. ବାପାଙ୍କର ଜଗନ୍ନାଥ ଦର୍ଶନ ହେବ ।
 - 4. ପିଲାମାନଙ୍କର ଧାଇଁବା ହେଉଛି ।

Question Type : MCQ
Question ID : 630680814155
Option 1 ID : 6306803189837
Option 2 ID : 6306803189839
Option 3 ID : 6306803189840
Option 4 ID : 6306803189838
Status : Answered
Chosen Option : 2
Marks : 1

Q.33 'ଦୋଷୀ'ର ବିପରୀତାର୍ଥବୋଧକ ଶବ୍ଦଟି କ'ଣ ?

- Ans
- 1. ନିର୍ଦୋଷୀ
 - 2. ଦୋଷୀମୁକ୍ତ
 - 3. ଦୋଷମୁକ୍ତ
 - 4. ନିର୍ଦୋଷ

Question Type : MCQ
Question ID : 630680814119
Option 1 ID : 6306803189696
Option 2 ID : 6306803189694
Option 3 ID : 6306803189693
Option 4 ID : 6306803189695
Status : Answered
Chosen Option : 4
Marks : 1

Q.34 ଡମେ _____ ଏଡେ ଭୁଲ କରନାହିଁ । ଉପଯୁକ୍ତ ଶବ୍ଦ ଯୋଗରେ ବାକ୍ୟଟିର ଶୁଦ୍ଧ ରୂପ ପ୍ରକାଶ କର ।

- Ans
- ☒ 1. ଯଥା
 - ☒ 2. ନବେଡ୍
 - ☒ 3. ଥରକୁଥର
 - ☒ 4. ଯେତିକି

Question Type : MCQ
Question ID : 630680814149
Option 1 ID : 6306803189816
Option 2 ID : 6306803189815
Option 3 ID : 6306803189813
Option 4 ID : 6306803189814
Status : Answered
Chosen Option : 3
Marks : 1

Q.35 ନିମ୍ନମଧ୍ୟରୁ କେଉଁ ବାକ୍ୟଟି ଶୁଦ୍ଧ ଦର୍ଶାଅ ?

- Ans
- ☒ 1. ସାକ୍ଷ୍ୟପ୍ରଦାନ କରେ କାରୁକାର୍ଯ୍ୟଭରା ମନ୍ଦିରଗୁଡ଼ିକ ଓଡ଼ିଶାର ଏକ ଗୌରବାବହ ଇତିହାସର ।
 - ☒ 2. ଏକ ଗୌରବାବହ କାରୁକାର୍ଯ୍ୟଭରା ମନ୍ଦିରଗୁଡ଼ିକ ଓଡ଼ିଶାର ଇତିହାସର ସାକ୍ଷ୍ୟପ୍ରଦାନ କରେ ।
 - ☒ 3. କାରୁକାର୍ଯ୍ୟଭରା ମନ୍ଦିରଗୁଡ଼ିକ ଓଡ଼ିଶାର ଏକ ଗୌରବାବହ ଇତିହାସର ସାକ୍ଷ୍ୟପ୍ରଦାନ କରେ ।
 - ☒ 4. କାରୁକାର୍ଯ୍ୟଭରା ମନ୍ଦିରଗୁଡ଼ିକ ଓଡ଼ିଶାର ସାକ୍ଷ୍ୟପ୍ରଦାନ କରେ ଏକ ଗୌରବାବହ ଇତିହାସର ।

Question Type : MCQ
Question ID : 630680814169
Option 1 ID : 6306803189895
Option 2 ID : 6306803189893
Option 3 ID : 6306803189896
Option 4 ID : 6306803189894
Status : Answered
Chosen Option : 2
Marks : -0.25

Q.36 ଅଶୋକ ନିଜର ସମସ୍ତ ପ୍ରଜା ସୁଖରେ ରୁହନ୍ତୁ ବୋଲି କାମନା କଲେ । ଏହି ବାକ୍ୟଟିକୁ ପ୍ରତ୍ୟକ୍ଷ ରକ୍ତିରେ ପ୍ରକାଶ କଲେ କେଉଁଟି ଠିକ୍ ବାକ୍ୟ ?

- Ans
- ☒ 1. ଅଶୋକ ତାଙ୍କର ସମସ୍ତ ପ୍ରଜାଙ୍କର ସୁଖ ଚାହୁଁଲେ ।
 - ☒ 2. ଅଶୋକ କହିଲେ, "ତାଙ୍କର ସମସ୍ତ ପ୍ରଜା ସୁଖରେ ରୁହନ୍ତୁ ।"
 - ☒ 3. ଅଶୋକ ତାଙ୍କର ସମସ୍ତ ପ୍ରଜାଙ୍କର ସୁଖ କାମନା କଲେ ।
 - ☒ 4. ଅଶୋକ କହିଲେ, "ମୋର ସମସ୍ତ ପ୍ରଜା ସୁଖରେ ରୁହନ୍ତୁ ।"

Question Type : MCQ
Question ID : 630680814165
Option 1 ID : 6306803189879
Option 2 ID : 6306803189877
Option 3 ID : 6306803189880
Option 4 ID : 6306803189878
Status : Not Attempted and Marked For Review
Chosen Option : --
Marks : 0

Q.37 ହରିବାରୁ ତାଙ୍କ ଚାକରକୁ କହିଲେ, “ଏହିକ୍ଷଣି ବଜାରକୁ ଯାଇ ପରିବା ଆଣ” । ଏହି ବାକ୍ୟଟିକୁ ପରୋକ୍ଷ ଭକ୍ତିରେ ପ୍ରକାଶ କଲେ କେଉଁଟି ଠିକ୍ ବାକ୍ୟ ହେବ?

- Ans
- ☒ 1. ସେହିକ୍ଷଣି ବଜାରରୁ ପରିବା ଆଣିବା ପାଇଁ ହରିବାରୁ ତାଙ୍କ ଚାକର ସହିତ ଗଲେ ।
 - ☒ 2. ସେହିକ୍ଷଣି ବଜାରକୁ ଯାଇ ପରିବା ଆଣିବା ପାଇଁ ହରିବାରୁ ତାଙ୍କ ଚାକରକୁ ଆଦେଶ ଦେଲେ ।
 - ☒ 3. ଏହିକ୍ଷଣି ବଜାରକୁ ଯାଇ ପରିବା ଆଣିବା ପାଇଁ ହରିବାରୁ ତାଙ୍କ ଚାକରକୁ ପରାମର୍ଶ ଦେଲେ ।
 - ☒ 4. ସେହିକ୍ଷଣି ବଜାରକୁ ଯାଇ ପରିବା ଆଣିବା ପାଇଁ ହରିବାରୁ ତାଙ୍କ ଚାକରକୁ ଅନୁରୋଧ କଲେ ।

Question Type : MCQ
Question ID : 630680814162
Option 1 ID : 6306803189866
Option 2 ID : 6306803189867
Option 3 ID : 6306803189868
Option 4 ID : 6306803189865
Status : Answered
Chosen Option : 3
Marks : -0.25

Q.38 _____ ଆଉ ପିଲାମାନେ ଖଡ଼ି ସ୍ଥୋତରେ ଅଙ୍କ କଷ୍ଟ ନାହାନ୍ତି । ଉପଯୁକ୍ତ ଶବ୍ଦ ଯୋଗରେ ବାକ୍ୟଟିର ଶୁଦ୍ଧ ରୂପ ପ୍ରକାଶ କର ।

- Ans
- ☒ 1. ଯେବେ
 - ☒ 2. ସର୍ବଦା
 - ☒ 3. ବାରମ୍ବାର
 - ☒ 4. ଏବେ

Question Type : MCQ
Question ID : 630680814146
Option 1 ID : 6306803189803
Option 2 ID : 6306803189801
Option 3 ID : 6306803189804
Option 4 ID : 6306803189802
Status : Answered
Chosen Option : 4
Marks : 1

Q.39 ଆପେ ବଞ୍ଚିଲେ ବାପର _____ । ନିମ୍ନ ମଧ୍ୟରୁ ଉପଯୁକ୍ତ ଶବ୍ଦ ଯୋଗରେ ଶୂନ୍ୟ ସ୍ଥାନ ପୂରଣ କର ।

- Ans
- ☒ 1. ନାଁ
 - ☒ 2. କି ଯାଏ
 - ☒ 3. ଗାଁ
 - ☒ 4. ଲାଭ

Question Type : MCQ
Question ID : 630680814111
Option 1 ID : 6306803189661
Option 2 ID : 6306803189664
Option 3 ID : 6306803189662
Option 4 ID : 6306803189663
Status : Answered
Chosen Option : 1
Marks : 1

Q.40 ନିମ୍ନମଧ୍ୟରୁ ଭୁଲ ଶବ୍ଦଟିକୁ ଚିହ୍ନଟ କର ।

- Ans
- ☒ 1. ଭୌଗୋଳିକ
 - ☒ 2. ଭୂମ୍ୟଧିକାରୀ
 - ☒ 3. ଭ୍ରାତୃଶତା
 - ☒ 4. ବୈଷମ୍ୟତା

Question Type : MCQ
Question ID : 630680814095
Option 1 ID : 6306803189599
Option 2 ID : 6306803189598
Option 3 ID : 6306803189597
Option 4 ID : 6306803189600
Status : Answered
Chosen Option : 4
Marks : 1

Section : Current Affairs

Q.41 The high-altitude pseudo-satellite vehicles (HAPS) is powered by:

- Ans
- ☒ 1. electric charge
 - ☒ 2. the sun
 - ☒ 3. bio - fuel
 - ☒ 4. uranium

Question Type : MCQ
Question ID : 630680629931
Option 1 ID : 6306802465640
Option 2 ID : 6306802465642
Option 3 ID : 6306802465639
Option 4 ID : 6306802465641
Status : Not Answered
Chosen Option : --
Marks : 0

Q.42 1960 Indus Water Treaty was signed between _____ where the world bank has appointed a "neutral expert" in 2022.

- Ans
- ☒ 1. Nepal and India
 - ☒ 2. India and Pakistan
 - ☒ 3. Pakistan and Bangladesh
 - ☒ 4. India and China

Question Type : MCQ
Question ID : 630680195869
Option 1 ID : 630680759921
Option 2 ID : 630680759919
Option 3 ID : 630680759920
Option 4 ID : 630680759922
Status : Answered
Chosen Option : 2
Marks : 1

Q.43 A film titled 'Mujib – The Making of a Nation' on the life of Bangabandhu Sheikh Mujibur Rahman is directed by _____.

- Ans
- ☒ 1. Anurag Kashyap
 - ☒ 2. G Aravindan
 - ☒ 3. Shyam Benegal
 - ☒ 4. Amit Dutta

Question Type : MCQ
Question ID : 630680194353
Option 1 ID : 630680753947
Option 2 ID : 630680753948
Option 3 ID : 630680753945
Option 4 ID : 630680753946
Status : Not Answered
Chosen Option : --
Marks : 0

Q.44 Which of the following has become the 'first green industrial city' in India to receive a platinum rating under the IGBC Green Cities Rating?

- Ans
- ☒ 1. IFFCO Kisan SEZ Limited
 - ☒ 2. Dahej SEZ Limited
 - ☒ 3. Kandla Special Economic Zone
 - ☒ 4. Surat Special Economic Zone

Question Type : MCQ
Question ID : 63068061990
Option 1 ID : 630680239279
Option 2 ID : 630680239280
Option 3 ID : 630680239281
Option 4 ID : 630680239278
Status : Not Answered
Chosen Option : --
Marks : 0

Q.45 Who has been appointed as the new chairperson of the Airports Authority of India in 2022?

- Ans
- ☒ 1. Anil Agrawal
 - ☒ 2. Rajeev Singh Thakur
 - ☒ 3. Anurag Jain
 - ☒ 4. Sanjeev Kumar

Question Type : MCQ
Question ID : 630680465555
Option 1 ID : 6306801818255
Option 2 ID : 6306801818256
Option 3 ID : 6306801818258
Option 4 ID : 6306801818257
Status : Not Answered
Chosen Option : --
Marks : 0

Q.46 The 46th edition of the Wangala Festival was commenced in the month of _____ 2022.

- Ans
- ☒ 1. October
 - ☒ 2. December
 - ☒ 3. August
 - ☒ 4. November

Question Type : MCQ
Question ID : 630680303247
Option 1 ID : 6306801179643
Option 2 ID : 6306801179645
Option 3 ID : 6306801179642
Option 4 ID : 6306801179644
Status : Not Answered
Chosen Option : --
Marks : 0

Q.47 In January 2023, President Biden nominated _____ , as North Korea Human Rights Envoy.

- Ans
- ☒ 1. Julie Turner
 - ☒ 2. Ali Zaidi
 - ☒ 3. Carol Browner
 - ☒ 4. John Kerry

Question Type : MCQ
Question ID : 630680195871
Option 1 ID : 630680759927
Option 2 ID : 630680759930
Option 3 ID : 630680759929
Option 4 ID : 630680759928
Status : Not Answered
Chosen Option : --
Marks : 0

Q.48 Which city in Karnataka hosted South Asian Football Federation Championship 2023?

- Ans
- ☒ 1. Mysuru
 - ☒ 2. Bengaluru
 - ☒ 3. Belgaum
 - ☒ 4. Mangaluru

Question Type : MCQ
Question ID : 630680596188
Option 1 ID : 6306802332860
Option 2 ID : 6306802332862
Option 3 ID : 6306802332861
Option 4 ID : 6306802332863
Status : Not Answered
Chosen Option : --
Marks : 0

Q.49 Which country won the GSMA Government Leadership Award, in February 2023?

- Ans
- ☒ 1. The US
 - ☒ 2. India
 - ☒ 3. Bangladesh
 - ☒ 4. Australia

Question Type : MCQ
Question ID : 630680283169
Option 1 ID : 6306801100804
Option 2 ID : 6306801100805
Option 3 ID : 6306801100806
Option 4 ID : 6306801100803
Status : Not Answered
Chosen Option : --
Marks : 0

Q.50 Every time forest land was diverted for a development project, industries were required to identify an equal area of non-forest land for afforestation. This requirement changed on _____, when the Union Government notified new Forest (Conservation) Rules, 2022.

- Ans
- ☒ 1. 28 June 2022
 - ☒ 2. 28 May 2022
 - ☒ 3. 28 August 2022
 - ☒ 4. 28 July 2022

Question Type : MCQ
Question ID : 630680514211
Option 1 ID : 6306802009470
Option 2 ID : 6306802009469
Option 3 ID : 6306802009472
Option 4 ID : 6306802009471
Status : Not Answered
Chosen Option : --
Marks : 0

Q.51 In a landmark decision of 2022, a three-judge bench led by _____ said that sex workers are equally entitled to a life of dignity as guaranteed under Article 21 of the Constitution of India.

- Ans
- ☒ 1. Justice Dipak Misra
 - ☒ 2. Justice Jagdish Singh Khehar
 - ☒ 3. Justice L Nageswara Rao
 - ☒ 4. Justice NV Ramana

Question Type : MCQ
Question ID : 630680514212
Option 1 ID : 6306802009475
Option 2 ID : 6306802009476
Option 3 ID : 6306802009474
Option 4 ID : 6306802009473
Status : Not Answered
Chosen Option : --
Marks : 0

Q.52 Which of the following banks launched the 'Jahaan Bandhan, Wahaan Trust' campaign along with the bank's brand ambassador Sourav Ganguly in January 2023?

- Ans
- ☒ 1. Federal Bank
 - ☒ 2. AU Small Finance Bank
 - ☒ 3. Bank of Baroda
 - ☒ 4. Bandhan Bank

Question Type : MCQ
Question ID : 630680321171
Option 1 ID : 6306801249400
Option 2 ID : 6306801249399
Option 3 ID : 6306801249397
Option 4 ID : 6306801249398
Status : Not Answered
Chosen Option : --
Marks : 0

Q.53 Which of the following has been listed as the first 100 geological heritage sites in India by the International Union of Geological Sciences (IUGS) by UNESCO?

- Ans
- ☒ 1. Mawmluh Cave
 - ☒ 2. Varkala Cliff Section
 - ☒ 3. Stromatolite Fossil Park
 - ☒ 4. Akal Fossil Wood Park

Question Type : MCQ
Question ID : 630680325545
Option 1 ID : 6306801266519
Option 2 ID : 6306801266520
Option 3 ID : 6306801266518
Option 4 ID : 6306801266517
Status : Not Answered
Chosen Option : --
Marks : 0

Q.54 Which scheme was earlier known as 'National Programme for Mid-Day Meal in Schools'?

- Ans
- ☒ 1. PMPoshan
 - ☒ 2. PMJRY
 - ☒ 3. PMNidhi
 - ☒ 4. PMKalyan

Question Type : MCQ
Question ID : 630680627750
Option 1 ID : 6306802457097
Option 2 ID : 6306802457098
Option 3 ID : 6306802457095
Option 4 ID : 6306802457096
Status : Not Answered
Chosen Option : --
Marks : 0

Q.55 Which of the following resolutions, of which India is also a part, was passed by the United Nations Environment Assembly (UNEA) in March 2022 for plastic pollution and to reach a global binding agreement by 2024?

- Ans
- ☒ 1. 'Remove plastic pollution: Towards an international legally binding instrument'
 - ☒ 2. 'Removing plastic pollution through a binding agreement: Towards a sustainable future'
 - ☒ 3. 'End plastic pollution: For better future'
 - ☒ 4. 'End plastic pollution: Towards an international legally binding instrument'

Question Type : MCQ
Question ID : 630680210543
Option 1 ID : 630680816333
Option 2 ID : 630680816331
Option 3 ID : 630680816332
Option 4 ID : 630680816334
Status : Not Answered
Chosen Option : --
Marks : 0

Q.56 Which state / union territory launched the Anti-Industrial Pollution Campaign in October 2023?

- Ans
- ☒ 1. West Bengal
 - ☒ 2. Uttar Pradesh
 - ☒ 3. Maharashtra
 - ☒ 4. Delhi

Question Type : MCQ
Question ID : 630680595595
Option 1 ID : 6306802330570
Option 2 ID : 6306802330569
Option 3 ID : 6306802330571
Option 4 ID : 6306802330568
Status : Not Answered
Chosen Option : --
Marks : 0

Q.57 As per the Economic Survey of India 2021-22, Nationwide Credit Outreach Programme was launched on _____.

- Ans
- ☒ 1. 2 October 2021
 - ☒ 2. 26 November 2021
 - ☒ 3. 16 October 2021
 - ☒ 4. 1 June 2021

Question Type : MCQ
Question ID : 630680216440
Option 1 ID : 630680839736
Option 2 ID : 630680839738
Option 3 ID : 630680839737
Option 4 ID : 630680839735
Status : Not Answered
Chosen Option : --
Marks : 0

Q.58 As of December 2022, with more than 100 unicorns valued at US\$ 332.7 billion, India has the _____ unicorn base in the world.

- Ans
- ☐ 1. fourth-largest
 - ☐ 2. second-largest
 - ☒ 3. third-largest
 - ☐ 4. largest

Question Type : MCQ
Question ID : 630680196366
Option 1 ID : 630680761846
Option 2 ID : 630680761844
Option 3 ID : 630680761845
Option 4 ID : 630680761843
Status : Not Answered
Chosen Option : --
Marks : 0

Q.59 In February 2023, who was appointed as the Vice chief of the Army Staff ?

- Ans
- ☐ 1. Manoj Pande
 - ☐ 2. B S Raju
 - ☐ 3. Chandi Prasad Mohanty
 - ☒ 4. M VSuchindra Kumar

Question Type : MCQ
Question ID : 630680282997
Option 1 ID : 6306801100122
Option 2 ID : 6306801100120
Option 3 ID : 6306801100121
Option 4 ID : 6306801100119
Status : Answered
Chosen Option : 4
Marks : 1

Q.60 Dharma Guardian and JIMEX are the defence exercises conducted in 2022 with which of the following countries?

- Ans
- ☐ 1. New Zealand
 - ☒ 2. Japan
 - ☐ 3. France
 - ☐ 4. Germany

Question Type : MCQ
Question ID : 630680325578
Option 1 ID : 6306801266652
Option 2 ID : 6306801266649
Option 3 ID : 6306801266650
Option 4 ID : 6306801266651
Status : Answered
Chosen Option : 2
Marks : 1

Q.61 Which of the following States came first at the Khelo India Para Games 2023 medal tally?

- Ans
- ☒ 1. Odisha
 - ☒ 2. Punjab
 - ☒ 3. Kerala
 - ☒ 4. Haryana

Question Type : MCQ
Question ID : 630680594521
Option 1 ID : 6306802326298
Option 2 ID : 6306802326297
Option 3 ID : 6306802326299
Option 4 ID : 6306802326296
Status : Not Answered
Chosen Option : --
Marks : 0

Q.62 Which of the following Indian actress was one of the jury members at the 75th edition of the Cannes Film Festival 2022?

- Ans
- ☒ 1. Deepika Padukone
 - ☒ 2. Kajol
 - ☒ 3. Katrina Kaif
 - ☒ 4. Vidya Balan

Question Type : MCQ
Question ID : 630680186570
Option 1 ID : 630680723231
Option 2 ID : 630680723230
Option 3 ID : 630680723232
Option 4 ID : 630680723229
Status : Not Answered
Chosen Option : --
Marks : 0

Q.63 The 4th edition of the Indo-Indonesia bilateral Exercise _____ concluded on 19th May 2023.

- Ans
- ☒ 1. Prahar Shakti-23
 - ☒ 2. Mitra Shakti-23
 - ☒ 3. Samudra Shakti-23
 - ☒ 4. Sapta Shakti-23

Question Type : MCQ
Question ID : 630680314437
Option 1 ID : 6306801223552
Option 2 ID : 6306801223551
Option 3 ID : 6306801223549
Option 4 ID : 6306801223550
Status : Answered
Chosen Option : 2
Marks : -0.25

Q.64 Who directed the movie 'Sam Bahadur', based on the life of India's first Field Marshal?

- Ans
- ☒ 1. Sujoy Ghosh
 - ☒ 2. Meghna Gulzar
 - ☒ 3. Vishal Bhardawaj
 - ☒ 4. Prakash Jha

Question Type : MCQ
Question ID : 630680594857
Option 1 ID : 6306802327544
Option 2 ID : 6306802327543
Option 3 ID : 6306802327541
Option 4 ID : 6306802327542
Status : Not Answered
Chosen Option : --
Marks : 0

Q.65 Which of the following plan documents has the subtitle 'Inclusive Growth'?

- Ans
- ☒ 1. 11th Five Year Plan
 - ☒ 2. 9th Five year plan
 - ☒ 3. 7th Five Year Plan
 - ☒ 4. 10th Five Year Plan

Question Type : MCQ
Question ID : 630680594752
Option 1 ID : 6306802327082
Option 2 ID : 6306802327084
Option 3 ID : 6306802327083
Option 4 ID : 6306802327081
Status : Not Answered
Chosen Option : --
Marks : 0

Q.66 In April 2023, which of the following painting styles of Madhya Pradesh was given a Geographical Indication (GI) tag?

- Ans
- ☒ 1. Bhil Painting
 - ☒ 2. Pithora Painting
 - ☒ 3. Gond Painting
 - ☒ 4. Tribal Painting

Question Type : MCQ
Question ID : 630680303585
Option 1 ID : 6306801180915
Option 2 ID : 6306801180916
Option 3 ID : 6306801180914
Option 4 ID : 6306801180913
Status : Answered
Chosen Option : 3
Marks : 1

Q.67 According to the Sustainable Development Report-2022, in which of the following SDGs is India moderately improving?

- Ans
- ☒ 1. SDG 13
 - ☒ 2. SDG 11
 - ☒ 3. SDG 12
 - ☒ 4. SDG 1

Question Type : MCQ
Question ID : 630680210782
Option 1 ID : 630680817289
Option 2 ID : 630680817290
Option 3 ID : 630680817288
Option 4 ID : 630680817287
Status : Not Answered
Chosen Option : --
Marks : 0

Q.68 The 12th edition of the International Boxing Association (IBA) Women's World Boxing Championship (WWBC) 2022 was held at the Başakşehir Youth and Sports Facility in _____.

- Ans
- ☒ 1. Cairo
 - ☒ 2. Muscat
 - ☒ 3. Sharjah
 - ☒ 4. Istanbul

Question Type : MCQ
Question ID : 630680186572
Option 1 ID : 630680723238
Option 2 ID : 630680723239
Option 3 ID : 630680723237
Option 4 ID : 630680723240
Status : Not Answered
Chosen Option : --
Marks : 0

Q.69 Indian Navy has declared 2024 as the Year of Naval _____.

- Ans
- ☒ 1. Ships
 - ☒ 2. Civilians
 - ☒ 3. Officers
 - ☒ 4. Cadets

Question Type : MCQ
Question ID : 630680603560
Option 1 ID : 6306802361715
Option 2 ID : 6306802361712
Option 3 ID : 6306802361714
Option 4 ID : 6306802361713
Status : Answered
Chosen Option : 1
Marks : -0.25

Q.70 India-Mongolia joint military exercise conducted between 16 to 23 July 2023, at Ulaanbaatar, Mongolia was named _____.

- Ans
- ✗ 1. IMCOR – 2023
 - ✗ 2. VINBAX – 2023
 - ✓ 3. NOMADIC ELEPHANT – 2023
 - ✗ 4. KHANJAR – 2023

Question Type : MCQ
Question ID : 630680321247
Option 1 ID : 6306801249700
Option 2 ID : 6306801249697
Option 3 ID : 6306801249698
Option 4 ID : 6306801249699
Status : Not Attempted and Marked For Review
Chosen Option : --
Marks : 0

Section : Reasoning

Q.71 Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

GB-HD-KM
JE-KG-NP

- Ans
- ✗ 1. MH-NJ-QR
 - ✓ 2. MH-NJ-QS
 - ✗ 3. LH-OJ-QR
 - ✗ 4. LH-NJ-QR

Question Type : MCQ
Question ID : 630680539834
Option 1 ID : 6306802110437
Option 2 ID : 6306802110436
Option 3 ID : 6306802110439
Option 4 ID : 6306802110438
Status : Answered
Chosen Option : 2
Marks : 1

Q.72 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. V has the exam on Tuesday. Only two people have exams after U. Q has the exam immediately before R. S has the exam immediately after T but before U. How many people have exams between P and R?

- Ans
- ✗ 1. Three
 - ✓ 2. Five
 - ✗ 3. Two
 - ✗ 4. Four

Question Type : MCQ
Question ID : 630680722427
Option 1 ID : 6306802830976
Option 2 ID : 6306802830979
Option 3 ID : 6306802830978
Option 4 ID : 6306802830977
Status : Answered
Chosen Option : 2
Marks : 1

Q.73 In the following series, only one letter-cluster is incorrect. Select the incorrect letter-cluster.

LIG NKI PMK ROM TQP VSQ

- Ans
- ☒ 1. NKI
 - ☒ 2. TQP
 - ☒ 3. ROM
 - ☒ 4. PMK

Question Type : MCQ
Question ID : 630680531113
Option 1 ID : 6306802076266
Option 2 ID : 6306802076265
Option 3 ID : 6306802076268
Option 4 ID : 6306802076267
Status : Answered
Chosen Option : 2
Marks : 1

Q.74 PSDZ is related to UZWU in a certain way based on the English alphabetical order. In the same way, JUBF is related to OBUA. To which of the following options is YPGQ related, following the same logic?

- Ans
- ☒ 1. DLWZ
 - ☒ 2. DLZW
 - ☒ 3. DWLZ
 - ☒ 4. DWZL

Question Type : MCQ
Question ID : 630680720255
Option 1 ID : 6306802822442
Option 2 ID : 6306802822441
Option 3 ID : 6306802822440
Option 4 ID : 6306802822439
Status : Answered
Chosen Option : 4
Marks : 1

Q.75 Given below is a statement followed by two possible courses of action. Read the information carefully to decide which course of action(s) logically/feasibly follow(s).

Statement:
Ebambay street is going under repair for a month starting March 1st.
Courses of Action:
I. Alternate route should be preferred to avoid delays due to detour.
II. Signs about detour and information should be placed beforehand.

- Ans
- ☒ 1. Only I follows
 - ☒ 2. Neither I nor II follow
 - ☒ 3. Both I and II follow
 - ☒ 4. Only II follows

Question Type : MCQ
Question ID : 630680513750
Option 1 ID : 6306802007625
Option 2 ID : 6306802007628
Option 3 ID : 6306802007627
Option 4 ID : 6306802007626
Status : Not Answered
Chosen Option : --
Marks : 0

Q.76 In a certain code,
'hand leg face' is coded as 'dy ph er',
'leg arm ears' is coded as 'lp ph fg',
'ears hand nose' is coded as 'st lp dy'.
(All the codes are two-letter coded only.)

What is arm coded as?

- Ans ☒ 1. fg
☐ 2. lp
☐ 3. er
☐ 4. ph

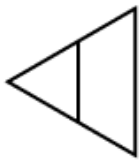
Question Type : MCQ
Question ID : 630680717050
Option 1 ID : 6306802809808
Option 2 ID : 6306802809809
Option 3 ID : 6306802809811
Option 4 ID : 6306802809810
Status : Answered
Chosen Option : 1
Marks : 1

Q.77 L, M, N, O, U, V, W and X are sitting around a square table facing the centre of the table. Some of them are sitting at the corners while some are sitting at the exact centre of the sides. Only three people sit between O and X. O sits to the immediate right of V. L sits second to the right of V. Only three people sit between M and V when counted from the right of V. V sits at one of the corners. N sits to the immediate left of M. W is not an immediate neighbour of V. Who sits to the immediate left and right of V, respectively?

- Ans ☐ 1. M and U
☐ 2. U and X
☒ 3. U and O
☐ 4. W and X

Question Type : MCQ
Question ID : 630680421922
Option 1 ID : 6306801646131
Option 2 ID : 6306801646130
Option 3 ID : 6306801646129
Option 4 ID : 6306801646128
Status : Answered
Chosen Option : 3
Marks : 1

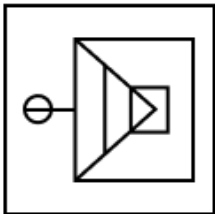
Q.78 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



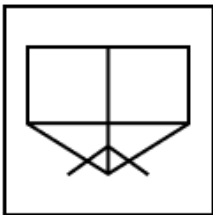
(X)

Ans

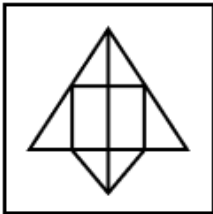
✗ 1.



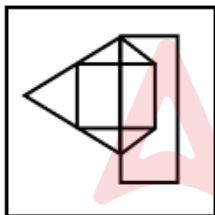
✗ 2.



✗ 3.



✓ 4.



Question Type : MCQ
Question ID : 630680721193
Option 1 ID : 6306802826128
Option 2 ID : 6306802826126
Option 3 ID : 6306802826125
Option 4 ID : 6306802826127
Status : Answered
Chosen Option : 4
Marks : 1

Q.79 In the following series, only one letter-cluster is incorrect. Select the incorrect letter-cluster.

TMP RKM PIL NGJ LEH JCF

- Ans
- ☒ 1. LEH
 - ☒ 2. PIL
 - ☒ 3. RKM
 - ☒ 4. NGJ

Question Type : MCQ
Question ID : 630680531123
Option 1 ID : 6306802076308
Option 2 ID : 6306802076306
Option 3 ID : 6306802076305
Option 4 ID : 6306802076307
Status : Answered
Chosen Option : 3
Marks : 1



Q.80 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.

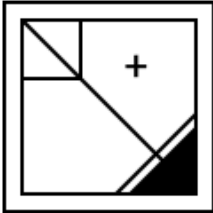


Ans

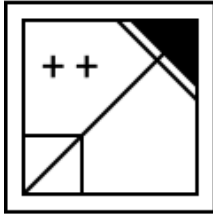
✗ 1.



✗ 2.



✓ 3.



✗ 4.



Question Type : MCQ
Question ID : 630680550204
Option 1 ID : 6306802151082
Option 2 ID : 6306802151081
Option 3 ID : 6306802151079
Option 4 ID : 6306802151080
Status : Answered
Chosen Option : 3
Marks : 1

Q.81 In a certain code,
'live in natural habitat' is coded as 'sa re fv cp',
'natural habitat for birds' is coded as 'fv cp lo ta',
'having food in jungle' is coded as 'bu mg re xy' and
'birds having natural ability' is coded as 'fv ta vp mg'.
(All the codes are two letter coded only.)

What is the possible code for 'jungle'?

- Ans
- ☒ 1. xy
 - ☒ 2. Either 're' or 'mg'
 - ☒ 3. Either 'xy' or 'bu'
 - ☒ 4. mg

Question Type : MCQ
Question ID : 630680720167
Option 1 ID : 6306802822111
Option 2 ID : 6306802822109
Option 3 ID : 6306802822108
Option 4 ID : 6306802822110
Status : Answered
Chosen Option : 3
Marks : 1

Q.82 This question is based on the following words.

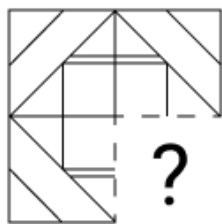
RAG END TWO NEW

If in each of the words, each letter is changed to the next letter in the English alphabetical order, how many words thus formed will have no vowel?

- Ans
- ☒ 1. Two
 - ☒ 2. Four
 - ☒ 3. Three
 - ☒ 4. One

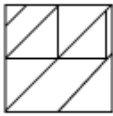
Question Type : MCQ
Question ID : 630680723482
Option 1 ID : 6306802835128
Option 2 ID : 6306802835127
Option 3 ID : 6306802835126
Option 4 ID : 6306802835129
Status : Answered
Chosen Option : 4
Marks : 1

Q.83 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.

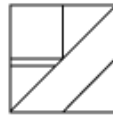


Ans

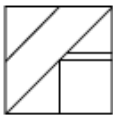
✗ 1.



✓ 2.



✗ 3.



✗ 4.



Question Type : MCQ
Question ID : 630680721696
Option 1 ID : 6306802828101
Option 2 ID : 6306802828100
Option 3 ID : 6306802828099
Option 4 ID : 6306802828098
Status : Answered
Chosen Option : 2
Marks : 1

Q.84 What should come in place of the question mark (?) in the given series?

24 36 60 108 204 ?

Ans

✓ 1. 396

✗ 2. 369

✗ 3. 394

✗ 4. 390

Question Type : MCQ
Question ID : 630680720282
Option 1 ID : 6306802822539
Option 2 ID : 6306802822540
Option 3 ID : 6306802822542
Option 4 ID : 6306802822541
Status : Answered
Chosen Option : 1
Marks : 1

Q.85 What should come in place of the question mark (?) in the given series?

48, 24, 30, 15, 21, 10.5, ?

- Ans
- ☒ 1. 14.25
 - ☒ 2. 16.5
 - ☒ 3. 18
 - ☒ 4. 5.25

Question Type : MCQ
Question ID : 630680233004
Option 1 ID : 630680904140
Option 2 ID : 630680904138
Option 3 ID : 630680904139
Option 4 ID : 630680904137
Status : Answered
Chosen Option : 4
Marks : -0.25

Q.86 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements.

Statements:
All horses are donkeys.
All donkeys are lions.
Some lions are tigers.
Conclusions:
(I) Some horses are tigers.
(II) Some donkeys are tigers.

- Ans
- ☒ 1. Only conclusion I follows.
 - ☒ 2. Neither conclusion I nor II follows.
 - ☒ 3. Only conclusion II follows.
 - ☒ 4. Both conclusions I and II follow.

Question Type : MCQ
Question ID : 630680539864
Option 1 ID : 6306802110557
Option 2 ID : 6306802110556
Option 3 ID : 6306802110558
Option 4 ID : 6306802110559
Status : Answered
Chosen Option : 4
Marks : -0.25

Q.87 Based on the English alphabetical order, three of the following letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair does not belong to that group?

- Ans
- ☒ 1. EA-DF
 - ☒ 2. IE-HK
 - ☒ 3. GC-FH
 - ☒ 4. MI-LN

Question Type : MCQ
Question ID : 630680531226
Option 1 ID : 6306802076718
Option 2 ID : 6306802076717
Option 3 ID : 6306802076719
Option 4 ID : 6306802076720
Status : Answered
Chosen Option : 2
Marks : 1

Q.88 A, B, C, D, E, F, G and H are sitting around a square table, facing the centre of the table. Some of them are sitting at the corners, while some are sitting at the exact centre of the sides. Exactly 3 people sit between D and F when counted from the left of F, neither of whom sits at the corners. A sits 2nd to the right of F. C sits 3rd to the right of G. C is not an immediate neighbour of A. B is not an immediate neighbour of F, and H is not an immediate neighbour of A. How many people sit between A and C when counted from left of C?

- Ans ☒ 1. 3
- ☒ 2. 1
- ☒ 3. 2
- ☒ 4. 4

Question Type : MCQ
Question ID : 630680531089
Option 1 ID : 6306802076167
Option 2 ID : 6306802076165
Option 3 ID : 6306802076166
Option 4 ID : 6306802076168
Status : Answered
Chosen Option : 1
Marks : 1

Q.89 B, D, F, G, H and K live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only three people live between D and F, where D lives below F. B lives on an odd numbered floor and immediately above D. H lives on one of the floors below G and on one of the floors above K. Who lives on floor number 5?

- Ans ☒ 1. B
- ☒ 2. D
- ☒ 3. G
- ☒ 4. F

Question Type : MCQ
Question ID : 630680720163
Option 1 ID : 6306802822095
Option 2 ID : 6306802822093
Option 3 ID : 6306802822092
Option 4 ID : 6306802822094
Status : Answered
Chosen Option : 3
Marks : 1

Q.90 This question is based on the following 3-letter words.
(left) POT SEA DAY JUG (right)
How many letters are there in the English alphabetical order between the second letter of the first word from the left and the third letter of the second word from the right?

- Ans
- ☐ 1. One
 - ☐ 2. Five
 - ☐ 3. Three
 - ☒ 4. Nine

Question Type : MCQ
Question ID : 630680720203
Option 1 ID : 6306802822239
Option 2 ID : 6306802822241
Option 3 ID : 6306802822240
Option 4 ID : 6306802822242
Status : Answered
Chosen Option : 1
Marks : -0.25

Q.91 Which of the following letter-clusters should replace '#' and '%' so that the pattern and relationship followed between the letter-cluster pair on the left side of '::' is the same as that on the right side of '::'?

: KMI :: LNJ : %

- Ans
- ☐ 1. # = JLI, % = MOL
 - ☐ 2. # = JLH, % = MOL
 - ☒ 3. # = JLH, % = MOK
 - ☐ 4. # = JLG, % = MOK

Question Type : MCQ
Question ID : 630680309735
Option 1 ID : 6306801205089
Option 2 ID : 6306801205091
Option 3 ID : 6306801205092
Option 4 ID : 6306801205090
Status : Answered
Chosen Option : 3
Marks : 1

Q.92 In a certain code language,
'A @ B' means 'A is the sister of B',
'A & B' means 'A is the brother of B',
'A + B' means 'A is the wife of B' and
'A # B' means 'A is the father of B'.
Which of the following means that S is T's wife's father?

- Ans
- ☐ 1. S#D@R+Y&T
 - ☐ 2. S+D#R@Y&T
 - ☐ 3. S#D&R+Y@T
 - ☒ 4. S#D&R@Y+T

Question Type : MCQ
Question ID : 630680720179
Option 1 ID : 6306802822154
Option 2 ID : 6306802822155
Option 3 ID : 6306802822153
Option 4 ID : 6306802822152
Status : Answered
Chosen Option : 4
Marks : 1

Q.93 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All curtains are kettles.

All kettles are bulbs.

Some bulbs are desks.

Conclusions:

(I) All curtains are bulbs.

(II) Some desks are curtains.

- Ans ☒ 1. Only conclusion (I) follows.
- ☐ 2. Both conclusions (I) and (II) follow.
- ☐ 3. Only conclusion (II) follows.
- ☐ 4. Neither conclusion (I) nor (II) follows.

Question Type : MCQ

Question ID : 630680720184

Option 1 ID : 6306802822172

Option 2 ID : 6306802822175

Option 3 ID : 6306802822173

Option 4 ID : 6306802822174

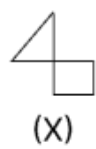
Status : Answered

Chosen Option : 2

Marks : -0.25

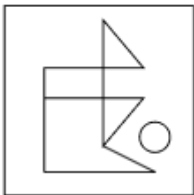


Q.94 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).

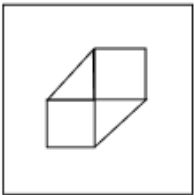


Ans

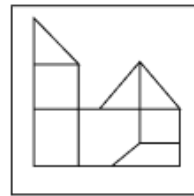
✗ 1.



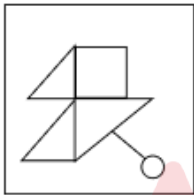
✗ 2.



✓ 3.



✗ 4.



Question Type : MCQ
Question ID : 630680721184
Option 1 ID : 6306802826092
Option 2 ID : 6306802826090
Option 3 ID : 6306802826089
Option 4 ID : 6306802826091
Status : Answered
Chosen Option : 3
Marks : 1

Q.95 This question is based on the following 3-letter words.
(left) GUN POT SEA ROT (right)
How many letters are there in the English alphabetical order between the second letter of the first word from the right and the second letter of the first word from the left?

- Ans
- ☒ 1. Four
 - ☒ 2. Three
 - ☒ 3. Five
 - ☒ 4. One

Question Type : MCQ
Question ID : 630680720202
Option 1 ID : 6306802822237
Option 2 ID : 6306802822236
Option 3 ID : 6306802822238
Option 4 ID : 6306802822235
Status : Answered
Chosen Option : 1
Marks : -0.25

Q.96 Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster.)

- Ans
- ☒ 1. IDH
 - ☒ 2. OJM
 - ☒ 3. FAD
 - ☒ 4. LGJ

Question Type : MCQ
Question ID : 630680508320
Option 1 ID : 6306801986598
Option 2 ID : 6306801986600
Option 3 ID : 6306801986597
Option 4 ID : 6306801986599
Status : Answered
Chosen Option : 1
Marks : 1

Q.97 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.
BIRD - IBRD - BRDI
FOUR - OFUR - FURO

- Ans
- ☒ 1. EXIT - XEIT - EITX
 - ☒ 2. REST - ERST - TESR
 - ☒ 3. BITE - IBTE - ITEB
 - ☒ 4. SONG - SNOG - GNOS

Question Type : MCQ
Question ID : 630680720265
Option 1 ID : 6306802822475
Option 2 ID : 6306802822477
Option 3 ID : 6306802822478
Option 4 ID : 6306802822476
Status : Answered
Chosen Option : 1
Marks : 1

Q.98 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

All tickets are buttons.

No pots are buttons.

All crows are tickets.

Conclusions:

(I) Some buttons are crows.

(II) No tickets are pots.

- Ans
- ☐ 1. Only conclusion (II) follows.
 - ☐ 2. Neither conclusion (I) nor (II) follows.
 - ☐ 3. Only conclusion (I) follows.
 - ☒ 4. Both conclusions (I) and (II) follow.

Question Type : MCQ

Question ID : 630680722599

Option 1 ID : 6306802831665

Option 2 ID : 6306802831666

Option 3 ID : 6306802831664

Option 4 ID : 6306802831667

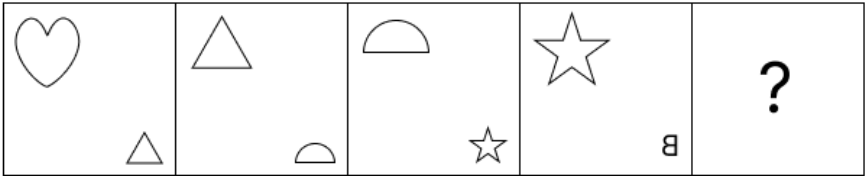
Status : Answered

Chosen Option : 4

Marks : 1

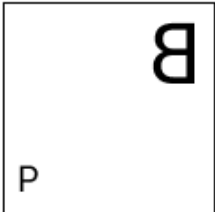


Q.99 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.

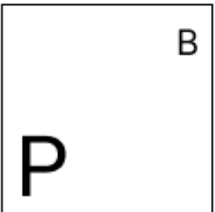


Ans

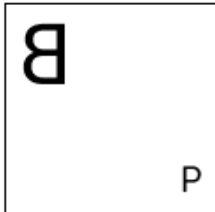
✗ 1.



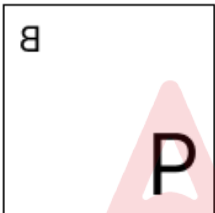
✗ 2.



✓ 3.



✗ 4.



Question Type : MCQ
Question ID : 630680721132
Option 1 ID : 6306802825887
Option 2 ID : 6306802825889
Option 3 ID : 6306802825888
Option 4 ID : 6306802825886
Status : Answered
Chosen Option : 3
Marks : 1

Q.100 Varun starts from point A and drives 16 km towards east. He then takes a right turn and drives 3 km. He takes a final right turn and drives 8 km and stops at point B. Lovely starts from point P, which is 14 km east of Point A, and drives 9 km towards east. He then takes a right turn and drives 3 km. He takes a final right turn and drives 12 km and stops at Point Q. What is the shortest distance between Point Q and Point B? (All turns are 90° turns only.)

- Ans
- ☒ 1. 4 km
 - ☒ 2. 2 km
 - ☒ 3. 3 km
 - ☒ 4. 1 km

Question Type : MCQ

Question ID : 630680720171

Option 1 ID : 6306802822123

Option 2 ID : 6306802822121

Option 3 ID : 6306802822122

Option 4 ID : 6306802822120

Status : Answered

Chosen Option : 3

Marks : 1

Section : Subject Content & Methodology

Q.101 What are the bond lengths of Re-Re bond and Re-Cl bond in $[\text{Re}_2\text{Cl}_8]^{2-}$ ion, respectively?

- Ans
- ☒ 1. 224 pm and 229 pm
 - ☒ 2. 229 pm and 332 pm
 - ☒ 3. 224 pm and 332 pm
 - ☒ 4. 332 pm and 229 pm

Question Type : MCQ

Question ID : 630680823427

Option 1 ID : 6306803225407

Option 2 ID : 6306803225408

Option 3 ID : 6306803225406

Option 4 ID : 6306803225405

Status : Answered

Chosen Option : 4

Marks : -0.25

Q.102 Which of the following is the correct increasing order with respect to basicity?

- Ans
- ☒ 1. $\text{F}^- < \text{CH}_3\text{CH}_2\text{O}^- < \text{HC}\equiv\text{C}^-$
 - ☒ 2. $\text{CH}_3\text{CH}_2\text{O}^- < \text{F}^- < \text{HC}\equiv\text{C}^-$
 - ☒ 3. $\text{HC}\equiv\text{C}^- < \text{F}^- < \text{CH}_3\text{CH}_2\text{O}^-$
 - ☒ 4. $\text{F}^- < \text{HC}\equiv\text{C}^- < \text{CH}_3\text{CH}_2\text{O}^-$

Question Type : MCQ

Question ID : 630680823434

Option 1 ID : 6306803225436

Option 2 ID : 6306803225435

Option 3 ID : 6306803225434

Option 4 ID : 6306803225433

Status : Answered

Chosen Option : 1

Marks : 1

Q.103 Which of the following is the correct decreasing order with respect to the boiling points (T_b) of liquid molecules?

- Ans
- ☒ 1. Ethyl alcohol > Benzene > Acetic acid > Water
 - ☒ 2. Acetic acid > Water > Ethyl alcohol > Benzene
 - ☒ 3. Acetic acid > Water > Benzene > Ethyl alcohol
 - ☒ 4. Ethyl alcohol > Acetic acid > Water > Benzene

Question Type : MCQ

Question ID : 630680823384

Option 1 ID : 6306803225235

Option 2 ID : 6306803225234

Option 3 ID : 6306803225233

Option 4 ID : 6306803225236

Status : Not Answered

Chosen Option : --

Marks : 0

Q.104 Which of the following statements is INCORRECT with respect to chemical properties of carbonyl compounds?

- Ans
- ☒ 1. Ketones react with AgNO_3 in the presence of $\text{NH}_3/\text{H}_2\text{O}$ to form ammonium salt of a carboxylic acid.
 - ☒ 2. Ketones react with hydroxyamines to form oximes.
 - ☒ 3. Ketones are resistant to mild oxidation with Cr (VI) reagents.
 - ☒ 4. Ketones cannot be oxidised without breaking carbon-carbon bonds.

Question Type : MCQ

Question ID : 630680823448

Option 1 ID : 6306803225490

Option 2 ID : 6306803225489

Option 3 ID : 6306803225491

Option 4 ID : 6306803225492

Status : Answered

Chosen Option : 1

Marks : 1

Q.105 Which of the following statements is correct with respect to salts of acids and bases?

- Ans
- ☒ 1. Salts of weak acids and weak bases, like ammonium chloride
 - ☒ 2. Salts of strong acids and strong bases, like sodium nitrate
 - ☒ 3. Salts of strong acids and weak bases, like aniline hydrochloride
 - ☒ 4. Salts of weak acids and strong bases, like potassium cyanide

Question Type : MCQ

Question ID : 630680823393

Option 1 ID : 6306803225269

Option 2 ID : 6306803225272

Option 3 ID : 6306803225271

Option 4 ID : 6306803225270

Status : Answered

Chosen Option : 2

Marks : -0.25

Q.106 What is the chemical shift of vinylic protons in organic compounds?

- Ans
- ☐ 1. δ 2.8-4.1
 - ☐ 2. δ 1.2-3.4
 - ☐ 3. δ 7.4-8.7
 - ☒ 4. δ 4.5-6.0

Question Type : MCQ
 Question ID : 630680823431
 Option 1 ID : 6306803225424
 Option 2 ID : 6306803225422
 Option 3 ID : 6306803225423
 Option 4 ID : 6306803225421
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.107 Which of the following are the potential values of 0.1 M KCl and 1.0 M KCl solutions, respectively?

- Ans
- ☐ 1. 0.3335 V and 0.2422 V
 - ☐ 2. 0.2810 V and 0.2422 V
 - ☐ 3. 0.2810 V and 0.3335 V
 - ☒ 4. 0.3335 V and 0.2810 V

Question Type : MCQ
 Question ID : 630680823406
 Option 1 ID : 6306803225322
 Option 2 ID : 6306803225324
 Option 3 ID : 6306803225323
 Option 4 ID : 6306803225321
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.108 Calculate the free energy change accompanying the compression of 1 mole of a gas at 57°C from 25 to 200 atm.

- Ans
- ☐ 1. 2896.2 J
 - ☒ 2. 5702.8 J
 - ☐ 3. 1284.5 J
 - ☐ 4. 4126.3 J

Question Type : MCQ
 Question ID : 630680823413
 Option 1 ID : 6306803225352
 Option 2 ID : 6306803225349
 Option 3 ID : 6306803225351
 Option 4 ID : 6306803225350
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.109 Which of the following is the correct increasing order with respect to metal radii (in pm)?

- Ans
- ✓ 1. $V^{+5} < Mo^{+6} < W^{+6} < Nb^{+5}$
 - ✗ 2. $V^{+5} < Nb^{+5} < W^{+6} < Mo^{+6}$
 - ✗ 3. $Mo^{+6} < W^{+6} < V^{+5} < Nb^{+5}$
 - ✗ 4. $V^{+5} < Nb^{+5} < Mo^{+6} < W^{+6}$

Question Type : MCQ

Question ID : 630680823425

Option 1 ID : 6306803225400

Option 2 ID : 6306803225398

Option 3 ID : 6306803225397

Option 4 ID : 6306803225399

Status : Answered

Chosen Option : 2

Marks : -0.25

Q.110 Calculate K_c for the reaction $CH_3 - CH_3(g) \leftrightarrow CH_2 = CH_2(g) + H_2(g)$, for which $K_p = 3.5 \times 10^{-23}$ atm at $27^\circ C$.

- Ans
- ✗ 1. $1.42 \times 10^{-21} \text{ mol dm}^{-3}$
 - ✗ 2. $8.42 \times 10^{-21} \text{ mol dm}^{-3}$
 - ✓ 3. $1.42 \times 10^{-26} \text{ mol dm}^{-3}$
 - ✗ 4. $8.42 \times 10^{-26} \text{ mol dm}^{-3}$

Question Type : MCQ

Question ID : 630680823389

Option 1 ID : 6306803225254

Option 2 ID : 6306803225255

Option 3 ID : 6306803225256

Option 4 ID : 6306803225253

Status : Answered

Chosen Option : 1

Marks : -0.25

Q.111 In which year was the Press Council of India first set up by the Parliament on the recommendation of the first Press Commission?

- Ans
- ✗ 1. 1996
 - ✗ 2. 1956
 - ✗ 3. 1976
 - ✓ 4. 1966

Question Type : MCQ

Question ID : 630680823480

Option 1 ID : 6306803225618

Option 2 ID : 6306803225619

Option 3 ID : 6306803225620

Option 4 ID : 6306803225617

Status : Not Answered

Chosen Option : --

Marks : 0

Q.112 Which of the following are the boiling points of 1-chloropentane, 1-hexanol and 1-hexene molecules, respectively?

- Ans ☒ 1. 108°C, 63°C, 158°C
☒ 2. 108°C, 158°C, 63°C
☒ 3. 63°C, 108°C, 158°C
☒ 4. 63°C, 158°C, 108°C

Question Type : MCQ

Question ID : 630680823446

Option 1 ID : 6306803225483

Option 2 ID : 6306803225484

Option 3 ID : 6306803225481

Option 4 ID : 6306803225482

Status : Not Answered

Chosen Option : --

Marks : 0

Q.113 Which of the following pairs of electrolytes having the same cation have the lowest difference of molar conductances at infinite dilution at

18°C (in $S\ m^2\ mol^{-1}$)?

- Ans ☒ 1. $NaNO_3$ and $NaIO_3$
☒ 2. KCl and KF
☒ 3. $NaCl$ and NaF
☒ 4. KNO_3 and KIO_3

Question Type : MCQ

Question ID : 630680823401

Option 1 ID : 6306803225301

Option 2 ID : 6306803225303

Option 3 ID : 6306803225304

Option 4 ID : 6306803225302

Status : Not Answered

Chosen Option : --

Marks : 0

Q.114 The job of curriculum construction is considered:

- Ans ☒ 1. as a highly specified job
☒ 2. not as a specified job
☒ 3. as a routine work
☒ 4. not as a significant work

Question Type : MCQ

Question ID : 630680823466

Option 1 ID : 6306803225561

Option 2 ID : 6306803225563

Option 3 ID : 6306803225562

Option 4 ID : 6306803225564

Status : Answered

Chosen Option : 3

Marks : -0.25

Q.115 What is the temperature difference in the ratio of the rate constants of a reaction in temperature coefficient?

- Ans
- ✓ 1. 10°C
 - ✗ 2. 25°C
 - ✗ 3. 100°C
 - ✗ 4. 50°C

Question Type : MCQ
 Question ID : 630680823400
 Option 1 ID : 6306803225297
 Option 2 ID : 6306803225298
 Option 3 ID : 6306803225299
 Option 4 ID : 6306803225300
 Status : Answered
 Chosen Option : 1
 Marks : 1

Q.116 What are the hybridisations of XeF_4 and XeF_6 molecules, respectively?

- Ans
- ✗ 1. Sp^3d^2 and Sp^3d
 - ✗ 2. Sp^3d and Sp^3d^2
 - ✗ 3. Sp^3 and Sp^3d^2
 - ✓ 4. Sp^3d^2 and Sp^3d^3

Question Type : MCQ
 Question ID : 630680823422
 Option 1 ID : 6306803225387
 Option 2 ID : 6306803225385
 Option 3 ID : 6306803225386
 Option 4 ID : 6306803225388
 Status : Answered
 Chosen Option : 4
 Marks : 1

Q.117 Which of the following is the correct increasing order with respect to acidity?

- Ans
- ✓ 1. $\text{CH}_3\text{CH}_2\text{OH} < \text{ClCH}_2\text{CH}_2\text{OH} < \text{ClCH}_2\text{CH}_2\text{SH}$
 - ✗ 2. $\text{CH}_3\text{CH}_2\text{OH} < \text{ClCH}_2\text{CH}_2\text{SH} < \text{ClCH}_2\text{CH}_2\text{OH}$
 - ✗ 3. $\text{ClCH}_2\text{CH}_2\text{SH} < \text{ClCH}_2\text{CH}_2\text{OH} < \text{CH}_3\text{CH}_2\text{OH}$
 - ✗ 4. $\text{ClCH}_2\text{CH}_2\text{SH} < \text{CH}_3\text{CH}_2\text{OH} < \text{ClCH}_2\text{CH}_2\text{OH}$

Question Type : MCQ
 Question ID : 630680823445
 Option 1 ID : 6306803225478
 Option 2 ID : 6306803225477
 Option 3 ID : 6306803225479
 Option 4 ID : 6306803225480
 Status : Answered
 Chosen Option : 2
 Marks : -0.25

Q.118 Which of the following active drug is one of the examples for the neurotransmitters that plays an role in mood changes?

- Ans
- ☒ 1. Valium
 - ☒ 2. Veronal
 - ☒ 3. Noradrenaline
 - ☒ 4. Serotonin

Question Type : MCQ
 Question ID : 630680823460
 Option 1 ID : 6306803225539
 Option 2 ID : 6306803225537
 Option 3 ID : 6306803225538
 Option 4 ID : 6306803225540
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.119 The $t_{1/2}$ of a reaction is halved as the initial concentration of the reactant is doubled. What is the order of the reaction?

- Ans
- ☒ 1. Second order
 - ☒ 2. Half order
 - ☒ 3. Third order
 - ☒ 4. First order

Question Type : MCQ
 Question ID : 630680823399
 Option 1 ID : 6306803225295
 Option 2 ID : 6306803225293
 Option 3 ID : 6306803225294
 Option 4 ID : 6306803225296
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.120 Which of the following complexes has the highest conductivity?

- Ans
- ☒ 1. $[\text{Co}(\text{NH}_3)_5\text{Cl}]\text{Cl}_2$
 - ☒ 2. $[\text{Cr}(\text{NH}_3)_5\text{Br}]\text{Br}_2$
 - ☒ 3. $[\text{Cr}(\text{NH}_3)_5\text{Cl}]\text{Cl}_2$
 - ☒ 4. $[\text{Co}(\text{NH}_3)_5\text{Br}]\text{Br}_2$

Question Type : MCQ
 Question ID : 630680823430
 Option 1 ID : 6306803225420
 Option 2 ID : 6306803225417
 Option 3 ID : 6306803225419
 Option 4 ID : 6306803225418
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.121 Which of the following statements is INCORRECT with respect to curriculum designing as per the differentiation principle?

Ans ☒ 1.

It believes that every student learns in a different way and with a different learning style.

☒ 2.

It promotes teaching practices that reflect concepts of learning.

☒ 3. It values all children as individuals.

☒ 4. It does not focus on learning outcomes.

Question Type : MCQ

Question ID : 630680823468

Option 1 ID : 6306803225569

Option 2 ID : 6306803225572

Option 3 ID : 6306803225570

Option 4 ID : 6306803225571

Status : Not Answered

Chosen Option : --

Marks : 0

Q.122 Which of the following is the major product formed when 1-bromo-1-methylcyclopentane reacts with magnesium in the presence of ether and then is followed by hydrolysis?

Ans ☒ 1. 1-methylcyclopentene

☒ 2. 2-methylcyclopentanol

☒ 3. 1-methylcyclopentane

☒ 4. 1-methylcyclopentanol

Question Type : MCQ

Question ID : 630680823443

Option 1 ID : 6306803225470

Option 2 ID : 6306803225469

Option 3 ID : 6306803225472

Option 4 ID : 6306803225471

Status : Answered

Chosen Option : 3

Marks : 1

Q.123 Which of the following are the permissible maximum concentrations of copper and manganese metals in drinking water, respectively (in mg dm^{-3})?

Ans ☒ 1. 0.2 and 2.0

☒ 2. 3.0 and 0.05

☒ 3. 3.0 and 2.0

☒ 4. 5.0 and 0.2

Question Type : MCQ

Question ID : 630680823439

Option 1 ID : 6306803225455

Option 2 ID : 6306803225454

Option 3 ID : 6306803225456

Option 4 ID : 6306803225453

Status : Not Answered

Chosen Option : --

Marks : 0

Q.124 Which of the following is a complete set of taught material, including a list of planned learning experiences offered to the students under the direction of the school?

- Ans
- ☒ 1. Topics
 - ☒ 2. Syllabus
 - ☒ 3. Curriculum
 - ☒ 4. Course outline

Question Type : MCQ
Question ID : 630680823464
Option 1 ID : 6306803225553
Option 2 ID : 6306803225555
Option 3 ID : 6306803225554
Option 4 ID : 6306803225556
Status : Answered
Chosen Option : 3
Marks : 1

Q.125 Which of the following types of communication DOES NOT describe communication directly but rather analyses and critiques the various models of communication?

- Ans
- ☒ 1. Non-linear communication
 - ☒ 2. Circular communication
 - ☒ 3. Linear communication
 - ☒ 4. Meta communication

Question Type : MCQ
Question ID : 630680823476
Option 1 ID : 6306803225601
Option 2 ID : 6306803225602
Option 3 ID : 6306803225603
Option 4 ID : 6306803225604
Status : Answered
Chosen Option : 1
Marks : -0.25

Q.126 Which of the following is the main source of sediment pollutant?

- Ans
- ☒ 1. Chemicals used for killing insects, fungi and weeds
 - ☒ 2. Erosion of soil by agriculture and strip mining
 - ☒ 3. Domestic sewage
 - ☒ 4. Mining of uranium containing minerals

Question Type : MCQ
Question ID : 630680823440
Option 1 ID : 6306803225459
Option 2 ID : 6306803225457
Option 3 ID : 6306803225460
Option 4 ID : 6306803225458
Status : Not Answered
Chosen Option : --
Marks : 0

Q.127 What is the coordination number and radius ratio present in the sodium chloride structure?

- Ans ☒ 1. 0.52 and 6 : 6
☒ 2. 1.52 and 8 : 8
☒ 3. 0.52 and 4 : 4
☒ 4. 0.98 and 6 : 6

Question Type : MCQ

Question ID : 630680823418

Option 1 ID : 6306803225369

Option 2 ID : 6306803225370

Option 3 ID : 6306803225372

Option 4 ID : 6306803225371

Status : Answered

Chosen Option : 1

Marks : 1

Q.128 At what temperature does nitrogen gas react with oxygen gas to form nitric oxide gas?

- Ans ☒ 1. 813 K
☒ 2. 1745 K
☒ 3. 1000 K
☒ 4. 1483 K

Question Type : MCQ

Question ID : 630680823442

Option 1 ID : 6306803225465

Option 2 ID : 6306803225468

Option 3 ID : 6306803225467

Option 4 ID : 6306803225466

Status : Not Answered

Chosen Option : --

Marks : 0

Q.129 Which of the following systems of communication is a technique or language used to convey a point or convince an audience?

- Ans ☒ 1. Western
☒ 2. Chinese
☒ 3. Buddhist
☒ 4. Indian

Question Type : MCQ

Question ID : 630680823482

Option 1 ID : 6306803225626

Option 2 ID : 6306803225628

Option 3 ID : 6306803225627

Option 4 ID : 6306803225625

Status : Not Answered

Chosen Option : --

Marks : 0

Q.130 Which of the following chemicals is NOT produced when ozone reacts with unburnt hydrocarbon methane in polluted air?

- Ans
- ☒ 1. Peroxyacetyl nitrate
 - ☒ 2. Formaldehyde
 - ☒ 3. Ethan-2-amine
 - ☒ 4. Acrolein

Question Type : MCQ

Question ID : 630680823441

Option 1 ID : 6306803225463

Option 2 ID : 6306803225462

Option 3 ID : 6306803225464

Option 4 ID : 6306803225461

Status : Not Answered

Chosen Option : --

Marks : 0

Q.131 What are the enthalpies of formation of SF_6 , SeF_6 and TeF_6 , respectively?

- Ans
- ☒ 1. $-1320, -1117$ and $-1210 \text{ KJ mol}^{-1}$
 - ☒ 2. $-1210, -1320$ and $-1117 \text{ KJ mol}^{-1}$
 - ☒ 3. $-1210, -1117$ and $-1320 \text{ KJ mol}^{-1}$
 - ☒ 4. $-1117, -1210$ and $-1320 \text{ KJ mol}^{-1}$

Question Type : MCQ

Question ID : 630680823423

Option 1 ID : 6306803225392

Option 2 ID : 6306803225389

Option 3 ID : 6306803225391

Option 4 ID : 6306803225390

Status : Not Answered

Chosen Option : --

Marks : 0

Q.132 Which of the following are the magnetic properties of $[\text{Fe}(\text{CN})_6]^{4-}$ and $[\text{NiF}_6]^{2-}$ complexes, respectively?

- Ans
- ☒ 1. Paramagnetic and diamagnetic
 - ☒ 2. Diamagnetic and diamagnetic
 - ☒ 3. Diamagnetic and paramagnetic
 - ☒ 4. Paramagnetic and paramagnetic

Question Type : MCQ

Question ID : 630680823424

Option 1 ID : 6306803225394

Option 2 ID : 6306803225395

Option 3 ID : 6306803225393

Option 4 ID : 6306803225396

Status : Answered

Chosen Option : 3

Marks : -0.25

Q.133 Which of the following are the major products formed when glucose reacts with HNO_3 and $\text{Br}_2/\text{H}_2\text{O}$, respectively?

- Ans
- ☒ 1. Gluco cyanohydrin and Glucaric acid
 - ☒ 2. Glucaric acid and Gluconic acid
 - ☒ 3. Glucaric acid and Glucaric acid
 - ☒ 4. Gluconic acid and Glucaric acid

Question Type : MCQ
 Question ID : 630680823457
 Option 1 ID : 6306803225526
 Option 2 ID : 6306803225527
 Option 3 ID : 6306803225525
 Option 4 ID : 6306803225528
 Status : Answered
 Chosen Option : 2
 Marks : 1

Q.134 Which of the following compounds reacts with hydrogen in the presence of nickel catalyst to form 1,2-dimethylcyclohexane?

- Ans
- ☒ 1. Anisole
 - ☒ 2. Quinol
 - ☒ 3. Cresol
 - ☒ 4. o-Xylene

Question Type : MCQ
 Question ID : 630680823438
 Option 1 ID : 6306803225451
 Option 2 ID : 6306803225452
 Option 3 ID : 6306803225450
 Option 4 ID : 6306803225449
 Status : Answered
 Chosen Option : 4
 Marks : 1

Q.135 Which type of assessment measures, certifies and reports the level of students' learning by assessing them at the end of the term?

- Ans
- ☒ 1. Summative assessment
 - ☒ 2. Diagnostic assessment
 - ☒ 3. Formal assessment
 - ☒ 4. Formative assessment

Question Type : MCQ
 Question ID : 630680823473
 Option 1 ID : 6306803225592
 Option 2 ID : 6306803225589
 Option 3 ID : 6306803225590
 Option 4 ID : 6306803225591
 Status : Answered
 Chosen Option : 1
 Marks : 1

Q.136 Which of the following phenomena suggests an imbalanced or biased causal relationship which does not align with the Buddhist principle of dependent origination that emphasises a more comprehensive and interconnected approach to causality?

- Ans
- ☒ 1. Mono causality
 - ☒ 2. Multi causality
 - ☒ 3. Skewed causality
 - ☒ 4. Dyadic causality

Question Type : MCQ

Question ID : 630680823475

Option 1 ID : 6306803225600

Option 2 ID : 6306803225597

Option 3 ID : 6306803225599

Option 4 ID : 6306803225598

Status : Not Answered

Chosen Option : --

Marks : 0

Q.137 What are the shapes of BH_4^- and PF_3 molecules, respectively?

- Ans
- ☒ 1. Trigonal pyramidal and Trigonal pyramidal
 - ☒ 2. Tetrahedral and Tetrahedral
 - ☒ 3. Tetrahedral and Trigonal pyramidal
 - ☒ 4. Trigonal bipyramidal and Trigonal pyramidal

Question Type : MCQ

Question ID : 630680823410

Option 1 ID : 6306803225338

Option 2 ID : 6306803225337

Option 3 ID : 6306803225340

Option 4 ID : 6306803225339

Status : Answered

Chosen Option : 3

Marks : 1

Q.138 Which of the following is the major product obtained when 2-methylpropanamide reacts with bromine in the presence of sodium hydroxide?

- Ans
- ☒ 1. 2-methylpropanamine
 - ☒ 2. Butan-2-amine
 - ☒ 3. Propan-2-amine
 - ☒ 4. 2-methylpropan-2-amine

Question Type : MCQ

Question ID : 630680823451

Option 1 ID : 6306803225501

Option 2 ID : 6306803225502

Option 3 ID : 6306803225503

Option 4 ID : 6306803225504

Status : Answered

Chosen Option : 3

Marks : 1

Q.139 Concentrated hydrochloric acid contains 37% (by mass) HCl. The density of the solution is 1.18 g/ml. Calculate the molarity of the solution.

- Ans
- ☒ 1. 2.0 M
 - ☒ 2. 16.03 M
 - ☒ 3. 12.0 M
 - ☒ 4. 8.0 M

Question Type : MCQ
 Question ID : 630680823407
 Option 1 ID : 6306803225328
 Option 2 ID : 6306803225325
 Option 3 ID : 6306803225327
 Option 4 ID : 6306803225326
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.140 Which of the following agencies functions as an interface between the Government and the media and also serves to provide feedback to the Government on people's reaction as reflected in the media?

- Ans
- ☒ 1. Press Trust of India
 - ☒ 2. Press Council of India
 - ☒ 3. All India Radio
 - ☒ 4. Press Information Bureau

Question Type : MCQ
 Question ID : 630680823478
 Option 1 ID : 6306803225610
 Option 2 ID : 6306803225609
 Option 3 ID : 6306803225612
 Option 4 ID : 6306803225611
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.141 Which of the following depends on the mental ability and language proficiency of the writer?

- Ans
- ☒ 1. Writing
 - ☒ 2. Listening
 - ☒ 3. Reading
 - ☒ 4. Speaking

Question Type : MCQ
 Question ID : 630680823481
 Option 1 ID : 6306803225623
 Option 2 ID : 6306803225622
 Option 3 ID : 6306803225621
 Option 4 ID : 6306803225624
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.142 A microscope using suitable photons is employed to locate an electron in an atom within a distance of $0.1 \text{ \AA}$. What is the uncertainty involved in the measurement of its velocity? Mass of electron = $9.1 \times 10^{-31} \text{ kg}$.

- Ans
- ☒ 1. $8.241 \times 10^4 \text{ m s}^{-1}$
 - ☒ 2. $4.162 \times 10^4 \text{ m s}^{-1}$
 - ☒ 3. $2.584 \times 10^7 \text{ m s}^{-1}$
 - ☒ 4. $0.579 \times 10^7 \text{ m s}^{-1}$

Question Type : MCQ

Question ID : 630680823387

Option 1 ID : 6306803225246

Option 2 ID : 6306803225247

Option 3 ID : 6306803225245

Option 4 ID : 6306803225248

Status : Not Answered

Chosen Option : --

Marks : 0

Q.143 Which of the following are the bond angles in trigonal planar and linear geometries, respectively?

- Ans
- ☒ 1. 120° and 109.5°
 - ☒ 2. 120° and 180°
 - ☒ 3. 120° and 90°
 - ☒ 4. 180° and 120°

Question Type : MCQ

Question ID : 630680823433

Option 1 ID : 6306803225429

Option 2 ID : 6306803225430

Option 3 ID : 6306803225432

Option 4 ID : 6306803225431

Status : Answered

Chosen Option : 2

Marks : 1

Q.144 A bucket contains 8 litres of water. Which of the following is the volume of the water?

- Ans
- ☒ 1. $4 \times 10^{-3} \text{ m}^3$
 - ☒ 2. $8 \times 10^{-3} \text{ m}^3$
 - ☒ 3. $3 \times 10^{-3} \text{ m}^3$
 - ☒ 4. $0.4 \times 10^{-3} \text{ m}^3$

Question Type : MCQ

Question ID : 630680823379

Option 1 ID : 6306803225213

Option 2 ID : 6306803225214

Option 3 ID : 6306803225215

Option 4 ID : 6306803225216

Status : Answered

Chosen Option : 2

Marks : 1

Q.145 Which of the following are the cell dimensions of a unit cell in hexagonal and tetragonal crystal systems, respectively?

- Ans
- ☒ 1. $a \neq b \neq c$ and $a \neq b \neq c$
 - ☒ 2. $a = b \neq c$ and $a \neq b \neq c$
 - ☒ 3. $a = b \neq c$ and $a = b \neq c$
 - ☒ 4. $a \neq b \neq c$ and $a = b \neq c$

Question Type : MCQ

Question ID : 630680823385

Option 1 ID : 6306803225237

Option 2 ID : 6306803225240

Option 3 ID : 6306803225239

Option 4 ID : 6306803225238

Status : Answered

Chosen Option : 3

Marks : 1

Q.146 Which of the following molecules reacts with acrylonitrile to form Buna-N?

- Ans
- ☒ 1. Chloroprene
 - ☒ 2. 1,3-Butadiene
 - ☒ 3. Styrene
 - ☒ 4. 3-hydroxybutanoic acid

Question Type : MCQ

Question ID : 630680823453

Option 1 ID : 6306803225509

Option 2 ID : 6306803225512

Option 3 ID : 6306803225511

Option 4 ID : 6306803225510

Status : Answered

Chosen Option : 2

Marks : 1

Q.147 Which of the following compounds reacts with ammonia to form leucine?

- Ans
- ☒ 1. 3-bromo-4-methylpentanoic acid
 - ☒ 2. 2-bromo-4-methylpentanoic acid
 - ☒ 3. 2-bromo-5-methylhexanoic acid
 - ☒ 4. 3-bromo-4-methylhexanoic acid

Question Type : MCQ

Question ID : 630680823455

Option 1 ID : 6306803225518

Option 2 ID : 6306803225520

Option 3 ID : 6306803225517

Option 4 ID : 6306803225519

Status : Not Answered

Chosen Option : --

Marks : 0

Q.148 Which of the following decreasing orders are correct with respect to strength of the acids and strength of their conjugate bases, respectively?

- Ans
- ☒ 1. $\text{HClO}_2 > \text{HClO}_3 > \text{HClO}_4$ and $\text{ClO}_4^- > \text{ClO}_3^- > \text{ClO}_2^-$
 - ☒ 2. $\text{HClO}_4 > \text{HClO}_3 > \text{HClO}_2$ and $\text{ClO}_4^- > \text{ClO}_3^- > \text{ClO}_2^-$
 - ☒ 3. $\text{HClO}_4 > \text{HClO}_3 > \text{HClO}_2$ and $\text{ClO}_2^- > \text{ClO}_3^- > \text{ClO}_4^-$
 - ☒ 4. $\text{HClO}_2 > \text{HClO}_3 > \text{HClO}_4$ and $\text{ClO}_2^- > \text{ClO}_3^- > \text{ClO}_4^-$

Question Type : MCQ

Question ID : 630680823390

Option 1 ID : 6306803225260

Option 2 ID : 6306803225259

Option 3 ID : 6306803225258

Option 4 ID : 6306803225257

Status : Answered

Chosen Option : 3

Marks : 1

Q.149 Which of the following decreasing orders is correct with respect to occurrence of elements in the earth's crust?

- Ans
- ☒ 1. Calcium > Iron > Magnesium > Potassium
 - ☒ 2. Iron > Calcium > Magnesium > Potassium
 - ☒ 3. Calcium > Potassium > Iron > Magnesium
 - ☒ 4. Iron > Magnesium > Calcium > Potassium

Question Type : MCQ

Question ID : 630680823420

Option 1 ID : 6306803225377

Option 2 ID : 6306803225378

Option 3 ID : 6306803225379

Option 4 ID : 6306803225380

Status : Answered

Chosen Option : 4

Marks : -0.25

Q.150 Which of the following second stages of the curriculum was suggested by Sir Aurobindo?

- Ans
- ☒ 1. Arithmetic
 - ☒ 2. Physiology
 - ☒ 3. General science
 - ☒ 4. Painting

Question Type : MCQ

Question ID : 630680823465

Option 1 ID : 6306803225560

Option 2 ID : 6306803225559

Option 3 ID : 6306803225558

Option 4 ID : 6306803225557

Status : Not Answered

Chosen Option : --

Marks : 0

Q.151 Which of the following compounds DOES NOT show coordination of four?

- Ans
- ☒ 1. HClO_4
 - ☒ 2. H_2CO_3
 - ☒ 3. HBrO_4
 - ☒ 4. H_3PO_4

Question Type : MCQ

Question ID : 630680823416

Option 1 ID : 6306803225362

Option 2 ID : 6306803225363

Option 3 ID : 6306803225364

Option 4 ID : 6306803225361

Status : Not Answered

Chosen Option : --

Marks : 0

Q.152 Which of the following electrode reactions has the lowest standard electrode potential value at 25°C ?

- Ans
- ☒ 1. $2\text{Hg}^{2+} + 2\text{e}^- \leftrightarrow \text{Hg}_2^{2+}$
 - ☒ 2. $\text{Ag}^+ + \text{e}^- \leftrightarrow \text{Ag}$
 - ☒ 3. $\text{Tl}^{3+} + 2\text{e}^- \leftrightarrow \text{Tl}^+$
 - ☒ 4. $\text{Fe}^{3+} + \text{e}^- \leftrightarrow \text{Fe}^{2+}$

Question Type : MCQ

Question ID : 630680823403

Option 1 ID : 6306803225312

Option 2 ID : 6306803225310

Option 3 ID : 6306803225311

Option 4 ID : 6306803225309

Status : Answered

Chosen Option : 2

Marks : -0.25

Q.153 Which of the following is the major product formed when styrene reacts with hydrogen in the presence of palladium catalyst?

- Ans
- ☒ 1. Cumene
 - ☒ 2. Ethyl benzene
 - ☒ 3. Xylene
 - ☒ 4. Toluene

Question Type : MCQ

Question ID : 630680823436

Option 1 ID : 6306803225444

Option 2 ID : 6306803225442

Option 3 ID : 6306803225443

Option 4 ID : 6306803225441

Status : Not Answered

Chosen Option : --

Marks : 0

Q.154 Which of the following decreasing orders is correct with respect to ionisation energy of s-orbital electrons (in KJ mol^{-1})?

- Ans ☒ 1. $\text{Ge} > \text{Si} > \text{Sn} > \text{Pb}$
☒ 2. $\text{Si} > \text{Ge} > \text{Sn} > \text{Pb}$
☒ 3. $\text{Ge} > \text{Sn} > \text{Si} > \text{Pb}$
☒ 4. $\text{Si} > \text{Ge} > \text{Pb} > \text{Sn}$

Question Type : MCQ

Question ID : 630680823415

Option 1 ID : 6306803225360

Option 2 ID : 6306803225357

Option 3 ID : 6306803225358

Option 4 ID : 6306803225359

Status : Answered

Chosen Option : 4

Marks : -0.25

Q.155 Which of the following partially miscible liquid pairs contains the highest upper critical solution temperature (UCST)?

- Ans ☒ 1. Methanol and carbon disulphide
☒ 2. Water and Nicotine
☒ 3. Water and β -picoline
☒ 4. Aniline and Hexane

Question Type : MCQ

Question ID : 630680823408

Option 1 ID : 6306803225329

Option 2 ID : 6306803225330

Option 3 ID : 6306803225331

Option 4 ID : 6306803225332

Status : Not Answered

Chosen Option : --

Marks : 0

Q.156 Which of the following gels is an example of a non-elastic gel?

- Ans ☒ 1. Ferric oxide gel
☒ 2. Agar-agar gel
☒ 3. Gelatine gel
☒ 4. Starch gel

Question Type : MCQ

Question ID : 630680823396

Option 1 ID : 6306803225284

Option 2 ID : 6306803225281

Option 3 ID : 6306803225282

Option 4 ID : 6306803225283

Status : Not Answered

Chosen Option : --

Marks : 0

Q.157 Which of the following electrolytes has the highest flocculation value (in millimoles per litre) for arsenic sulphide sol?

- Ans
- ✓ 1. K_2SO_4
 - ✗ 2. $CaCl_2$
 - ✗ 3. $ZnCl_2$
 - ✗ 4. $MgSO_4$

Question Type : MCQ

Question ID : 630680823394

Option 1 ID : 6306803225273

Option 2 ID : 6306803225275

Option 3 ID : 6306803225276

Option 4 ID : 6306803225274

Status : Not Answered

Chosen Option : --

Marks : 0

Q.158 A solution is prepared by adding 2 g of a substance X to 18 g water. Which of the following is the correct mass percentage of the solute?

- Ans
- ✗ 1. 20%
 - ✓ 2. 10%
 - ✗ 3. 100%
 - ✗ 4. 50%

Question Type : MCQ

Question ID : 630680823380

Option 1 ID : 6306803225220

Option 2 ID : 6306803225217

Option 3 ID : 6306803225219

Option 4 ID : 6306803225218

Status : Not Answered

Chosen Option : --

Marks : 0

Q.159 Which of the following bases contains purine ring in nucleic acids?

- Ans
- ✗ 1. Thymine
 - ✗ 2. Cytosine
 - ✓ 3. Guanine
 - ✗ 4. Uracil

Question Type : MCQ

Question ID : 630680823454

Option 1 ID : 6306803225516

Option 2 ID : 6306803225515

Option 3 ID : 6306803225513

Option 4 ID : 6306803225514

Status : Answered

Chosen Option : 3

Marks : 1

Q.160 Which of the following compounds reacts with ozone in the presence of dimethyl sulphide to form cyclohexanone and formaldehyde?

- Ans
- ☒ 1. Cyclohexanol
 - ☒ 2. Methylcyclohexane
 - ☒ 3. 1-methylcyclohexanol
 - ☒ 4. Methylene cyclohexane

Question Type : MCQ
 Question ID : 630680823437
 Option 1 ID : 6306803225446
 Option 2 ID : 6306803225445
 Option 3 ID : 6306803225447
 Option 4 ID : 6306803225448
 Status : Answered
 Chosen Option : 4
 Marks : 1

Q.161 Which of the following is the average translational kinetic energy of an ideal gas per molecule?

- Ans
- ☒ 1. $12.78 \times 10^3 \text{ J molecule}^{-1}$
 - ☒ 2. $2.84 \times 10^3 \text{ J molecule}^{-1}$
 - ☒ 3. $8.16 \times 10^{-21} \text{ J molecule}^{-1}$
 - ☒ 4. $6.17 \times 10^{-21} \text{ J molecule}^{-1}$

Question Type : MCQ
 Question ID : 630680823382
 Option 1 ID : 6306803225227
 Option 2 ID : 6306803225225
 Option 3 ID : 6306803225226
 Option 4 ID : 6306803225228
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.162 Which of the following is the major product formed when cyclohexane-1,2-diol reacts with periodic acid and then followed by reaction with NaBH_4 ?

- Ans
- ☒ 1. Hexane-1,6-dial
 - ☒ 2. Cyclohex-2-en-1-ol
 - ☒ 3. Hexane-1,6-diol
 - ☒ 4. Hexa-1,5-diene

Question Type : MCQ
 Question ID : 630680823459
 Option 1 ID : 6306803225536
 Option 2 ID : 6306803225533
 Option 3 ID : 6306803225535
 Option 4 ID : 6306803225534
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.163 The model of communication that happens between people at the same level in the hierarchy who are colleagues or peers is known as the _____.

- Ans
- ☒ 1. linear model
 - ☒ 2. transactional model
 - ☒ 3. horizontal model
 - ☒ 4. interactional model

Question Type : MCQ
 Question ID : 630680823477
 Option 1 ID : 6306803225605
 Option 2 ID : 6306803225608
 Option 3 ID : 6306803225606
 Option 4 ID : 6306803225607
 Status : Answered
 Chosen Option : 3
 Marks : 1

Q.164 Which of the following is the major product formed when cyclohexene reacts with peracetic acid followed by hydrolysis?

- Ans
- ☒ 1. trans-1,2-cyclohexanediol
 - ☒ 2. trans-2-methylcyclohexanediol
 - ☒ 3. cis-2-methylcyclohexanediol
 - ☒ 4. cis-1,2-cyclohexanediol

Question Type : MCQ
 Question ID : 630680823458
 Option 1 ID : 6306803225532
 Option 2 ID : 6306803225529
 Option 3 ID : 6306803225531
 Option 4 ID : 6306803225530
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.165 Which of the following is NOT a personal-social quality that is assessed under continuous and comprehensive evaluation?

- Ans
- ☒ 1. Leadership quality
 - ☒ 2. Negative attitude towards school
 - ☒ 3. Punctuality
 - ☒ 4. Regularity

Question Type : MCQ
 Question ID : 630680823470
 Option 1 ID : 6306803225580
 Option 2 ID : 6306803225579
 Option 3 ID : 6306803225577
 Option 4 ID : 6306803225578
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.166 Which of the following is NOT a characteristic of a good test?

- Ans
- ☒ 1. Objectivity
 - ☒ 2. Usability
 - ☒ 3. Validity
 - ☒ 4. Aptitude

Question Type : MCQ
 Question ID : 630680823472
 Option 1 ID : 6306803225587
 Option 2 ID : 6306803225588
 Option 3 ID : 6306803225585
 Option 4 ID : 6306803225586
 Status : Answered
 Chosen Option : 2
 Marks : -0.25

Q.167 In which year was continuous and comprehensive evaluation introduced as a school-based system of evaluation by the CBSE?

- Ans
- ☒ 1. 1992
 - ☒ 2. 2009
 - ☒ 3. 2007
 - ☒ 4. 2002

Question Type : MCQ
 Question ID : 630680823471
 Option 1 ID : 6306803225582
 Option 2 ID : 6306803225581
 Option 3 ID : 6306803225583
 Option 4 ID : 6306803225584
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.168 Which of the following gases evolves when sodium carbonate reacts with hydrochloric acid?

- Ans
- ☒ 1. Carbon dioxide
 - ☒ 2. Chlorine
 - ☒ 3. Oxygen
 - ☒ 4. Hydrogen

Question Type : MCQ
 Question ID : 630680823421
 Option 1 ID : 6306803225384
 Option 2 ID : 6306803225383
 Option 3 ID : 6306803225381
 Option 4 ID : 6306803225382
 Status : Answered
 Chosen Option : 1
 Marks : 1

Q.169 Which of the following are the units of the rate constants for a second order and 5/2-order reactions, respectively?

- Ans
- ☒ 1. s^{-1} and $(dm^3)^{3/2} mol^{-3/2} s^{-1}$
 - ☒ 2. s^{-1} and $(dm^3)^{1/2} mol^{-1/2} s^{-1}$
 - ☒ 3. $dm^3 mol^{-1} s^{-1}$ and $(dm^3)^{1/2} mol^{-1/2} s^{-1}$
 - ☒ 4. $dm^3 mol^{-1} s^{-1}$ and $(dm^3)^{3/2} mol^{-3/2} s^{-1}$

Question Type : MCQ

Question ID : 630680823398

Option 1 ID : 6306803225290

Option 2 ID : 6306803225292

Option 3 ID : 6306803225289

Option 4 ID : 6306803225291

Status : Answered

Chosen Option : 4

Marks : 1

Q.170 Which of the following carbons of fructose forms a glycosidic bond with glucose molecule in sucrose structure?

- Ans
- ☒ 1. Carbon-4
 - ☒ 2. Carbon-1
 - ☒ 3. Carbon-2
 - ☒ 4. Carbon-3

Question Type : MCQ

Question ID : 630680823456

Option 1 ID : 6306803225523

Option 2 ID : 6306803225521

Option 3 ID : 6306803225524

Option 4 ID : 6306803225522

Status : Answered

Chosen Option : 3

Marks : 1

Q.171 Which of the following metal carbonyl complexes have the highest infrared frequency (cm^{-1})?

- Ans
- ☒ 1. $[Ni(CO)_4]$
 - ☒ 2. $[Fe(CO)_4]^{2-}$
 - ☒ 3. $[Ti(CO)_6]^{2-}$
 - ☒ 4. $[Co(CO)_4]^-$

Question Type : MCQ

Question ID : 630680823428

Option 1 ID : 6306803225410

Option 2 ID : 6306803225412

Option 3 ID : 6306803225409

Option 4 ID : 6306803225411

Status : Not Answered

Chosen Option : --

Marks : 0

Q.172 Which of the following is the major product formed when N-methylaniline reacts with acetaldehyde in the presence of NaBH_3CN and methanol as solvent?

- Ans
- ☒ 1. p-ethyl-N-methylaniline
 - ☒ 2. m-ethyl-N-methylaniline
 - ☒ 3. o-ethyl-N-methylaniline
 - ☒ 4. N-ethyl-N-methylaniline

Question Type : MCQ

Question ID : 630680823450

Option 1 ID : 6306803225498

Option 2 ID : 6306803225500

Option 3 ID : 6306803225499

Option 4 ID : 6306803225497

Status : Not Answered

Chosen Option : --

Marks : 0

Q.173 Which of the following is the mass percentage of hydrogen and mass percentage of oxygen in water, respectively?

- Ans
- ☒ 1. 77.58% and 22.42%
 - ☒ 2. 11.18% and 88.79%
 - ☒ 3. 88.79% and 11.18%
 - ☒ 4. 22.42% and 77.58%

Question Type : MCQ

Question ID : 630680823381

Option 1 ID : 6306803225223

Option 2 ID : 6306803225224

Option 3 ID : 6306803225221

Option 4 ID : 6306803225222

Status : Not Answered

Chosen Option : --

Marks : 0

Q.174 Which of the following drug was designed to prevent the interaction of histamine with the receptors present in the stomach wall?

- Ans
- ☒ 1. Ranitidine
 - ☒ 2. Brompheniramine
 - ☒ 3. Cimetidine
 - ☒ 4. Terfenadine

Question Type : MCQ

Question ID : 630680823461

Option 1 ID : 6306803225542

Option 2 ID : 6306803225544

Option 3 ID : 6306803225541

Option 4 ID : 6306803225543

Status : Answered

Chosen Option : 2

Marks : -0.25

Q.175 Consider the electrochemical cell, $\text{Fe}, \text{Fe}^{2+} (0.1 \text{ M}) / \text{Cd}^{2+} (0.001 \text{ M}), \text{Cd}$. Calculate the EMF of the cell. ($E_{\text{Fe}^{2+}/\text{Fe}} = -0.44$ and $E_{\text{Cd}^{2+}/\text{Cd}} = -0.40$)

- Ans
- ☒ 1. $+0.1085 \text{ V}$
 - ☒ 2. $+0.0846 \text{ V}$
 - ☒ 3. $+0.0191 \text{ V}$
 - ☒ 4. $+0.0486 \text{ V}$

Question Type : MCQ
 Question ID : 630680823404
 Option 1 ID : 6306803225314
 Option 2 ID : 6306803225316
 Option 3 ID : 6306803225313
 Option 4 ID : 6306803225315
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.176 What are the theoretical and Born-Haber lattice energies of sodium chloride (in KJ mol^{-1}), respectively?

- Ans
- ☒ 1. -825 and -817
 - ☒ 2. -764 and -617
 - ☒ 3. -764 and -764
 - ☒ 4. -617 and -606

Question Type : MCQ
 Question ID : 630680823419
 Option 1 ID : 6306803225373
 Option 2 ID : 6306803225375
 Option 3 ID : 6306803225376
 Option 4 ID : 6306803225374
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.177 Who defined curriculum as 'Curriculum is the sum total of student activities which the school sponsors for the purpose of achieving its objectives'?

- Ans
- ☒ 1. Albery
 - ☒ 2. Derek Price
 - ☒ 3. John Kerr
 - ☒ 4. George E. Davis

Question Type : MCQ
 Question ID : 630680823469
 Option 1 ID : 6306803225576
 Option 2 ID : 6306803225575
 Option 3 ID : 6306803225573
 Option 4 ID : 6306803225574
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.178 Which of the following f-block elements have stable f^7 electronic configurations?

- Ans
- ☒ 1. Dy, Ho, Bk and Cf
 - ☒ 2. Eu, Gd, Am and Cm
 - ☒ 3. Eu, Gd, Np and Pu
 - ☒ 4. Dy, Ho, Bk and Cf

Question Type : MCQ

Question ID : 630680823426

Option 1 ID : 6306803225404

Option 2 ID : 6306803225402

Option 3 ID : 6306803225403

Option 4 ID : 6306803225401

Status : Answered

Chosen Option : 2

Marks : 1

Q.179 One mole of an ideal gas expands reversibly from a volume of 10 dm^3 and a temperature of 298 K to a volume of 20 dm^3 and a temperature of 250 K . Assuming that $C_v = 3/2 R$, calculate the entropy change for the process.

- Ans
- ☒ 1. $3.57 \text{ J K}^{-1} \text{ mol}^{-1}$
 - ☒ 2. $2.14 \text{ J K}^{-1} \text{ mol}^{-1}$
 - ☒ 3. $1.28 \text{ J K}^{-1} \text{ mol}^{-1}$
 - ☒ 4. $6.48 \text{ J K}^{-1} \text{ mol}^{-1}$

Question Type : MCQ

Question ID : 630680823412

Option 1 ID : 6306803225346

Option 2 ID : 6306803225348

Option 3 ID : 6306803225345

Option 4 ID : 6306803225347

Status : Not Attempted and Marked For Review

Chosen Option : --

Marks : 0

Q.180 Which of the following statement is incorrect with respect to drugs?

- Ans
- ☒ 1. The function of an enzyme is to provide functional groups that will attack the substrate and carry out chemical reaction
 - ☒ 2. Some drugs bind to the enzymes active site is called allosteric site
 - ☒ 3. Drugs compete with the natural substrate for their attachment on the active sites of enzymes. Such drugs are called competitive inhibitors
 - ☒ 4. Drugs usually interact with biomolecules such as carbohydrates, proteins and nucleic acids

Question Type : MCQ

Question ID : 630680823462

Option 1 ID : 6306803225548

Option 2 ID : 6306803225547

Option 3 ID : 6306803225546

Option 4 ID : 6306803225545

Status : Not Answered

Chosen Option : --

Marks : 0

Q.181 Which of the following is the ground state energy of electron in hydrogen and first excited state energy of electron in He^+ ion, respectively?

- Ans
- ☒ 1. -13.60 eV and -27.20 eV
 - ☒ 2. -13.60 eV and -13.60 eV
 - ☒ 3. -122.40 eV and -13.60 eV
 - ☒ 4. -13.60 eV and -54.40 eV

Question Type : MCQ

Question ID : 630680823388

Option 1 ID : 6306803225249

Option 2 ID : 6306803225250

Option 3 ID : 6306803225251

Option 4 ID : 6306803225252

Status : Not Answered

Chosen Option : --

Marks : 0

Q.182 What is the weight (in percentage) of hydrogen element in the earth's crust?

- Ans
- ☒ 1. 1.428%
 - ☒ 2. 0.152%
 - ☒ 3. 2.847%
 - ☒ 4. 0.1248%

Question Type : MCQ

Question ID : 630680823417

Option 1 ID : 6306803225366

Option 2 ID : 6306803225367

Option 3 ID : 6306803225365

Option 4 ID : 6306803225368

Status : Not Answered

Chosen Option : --

Marks : 0

Q.183 Which of the following gaseous molecules has the lowest average velocity (in m s^{-1})?

- Ans
- ☒ 1. Helium
 - ☒ 2. Deuterium
 - ☒ 3. Nitrogen
 - ☒ 4. Hydrogen

Question Type : MCQ

Question ID : 630680823383

Option 1 ID : 6306803225229

Option 2 ID : 6306803225232

Option 3 ID : 6306803225231

Option 4 ID : 6306803225230

Status : Answered

Chosen Option : 3

Marks : 1

Q.184 Which of the following statements is INCORRECT with respect to the filling of orbitals in the ground state of an atom?

Ans ☒ 1.

Electron pairing in any orbital is not possible until all the available orbitals of a given subshell contain one electron each.

☒ 2.

Electrons prefer to enter those subshells which thereby, get either completely filled or just half filled.

☒ 3. An orbit cannot contain more than two electrons.

☒ 4. The electrons enter the various orbitals in decreasing order.

Question Type : MCQ

Question ID : 630680823386

Option 1 ID : 6306803225242

Option 2 ID : 6306803225244

Option 3 ID : 6306803225241

Option 4 ID : 6306803225243

Status : Answered

Chosen Option : 3

Marks : -0.25

Q.185 Which of the following statements is INCORRECT with respect to the syllabus and curriculum?

Ans ☒ 1. The curriculum has a wider scope than the syllabus.

☒ 2.

The syllabus is for a subject, while the curriculum is for a course.

☒ 3.

The curriculum has many activities as compared to the syllabus.

☒ 4.

The curriculum is descriptive and the syllabus is prescriptive.

Question Type : MCQ

Question ID : 630680823463

Option 1 ID : 6306803225549

Option 2 ID : 6306803225550

Option 3 ID : 6306803225551

Option 4 ID : 6306803225552

Status : Answered

Chosen Option : 2

Marks : -0.25

Q.186 Which of the following is the value of the Boltzmann constant (in $\text{kgm}^2\text{s}^{-2}\text{K}^{-1}$)?

Ans ☒ 1. 1.380649×10^{-31}

☒ 2. 1.380649×10^{-23}

☒ 3. 1.380649×10^{-26}

☒ 4. 1.380649×10^{-20}

Question Type : MCQ

Question ID : 630680823378

Option 1 ID : 6306803225212

Option 2 ID : 6306803225211

Option 3 ID : 6306803225210

Option 4 ID : 6306803225209

Status : Not Answered

Chosen Option : --

Marks : 0

Q.187 Which of the following electronic configurations has different CFSE values in both strong field and weak field ligands in metal complexes?

- Ans
- ☒ 1. d^4
 - ☒ 2. d^7
 - ☒ 3. d^9
 - ☒ 4. d^8

Question Type : MCQ

Question ID : 630680823429

Option 1 ID : 6306803225414

Option 2 ID : 6306803225415

Option 3 ID : 6306803225413

Option 4 ID : 6306803225416

Status : Not Answered

Chosen Option : --

Marks : 0

Q.188 The dissociation constant of aniline as a base at 25°C is 5.93×10^{-10} . The ionic product of water at 25°C is 1.008×10^{-14} . Calculate the percentage hydrolysis of aniline hydrochloride in 0.1 M solution at 25°C .

- Ans
- ☒ 1. 0.80%
 - ☒ 2. 1.80%
 - ☒ 3. 2.60%
 - ☒ 4. 1.30%

Question Type : MCQ

Question ID : 630680823392

Option 1 ID : 6306803225267

Option 2 ID : 6306803225268

Option 3 ID : 6306803225265

Option 4 ID : 6306803225266

Status : Not Answered

Chosen Option : --

Marks : 0

Q.189 Which of the following assessments refers to the assessment of mental health by psychologists to prevent or cure mental health issues?

- Ans
- ☒ 1. Summative
 - ☒ 2. Clinical
 - ☒ 3. Continuous
 - ☒ 4. Achievement

Question Type : MCQ

Question ID : 630680823474

Option 1 ID : 6306803225596

Option 2 ID : 6306803225593

Option 3 ID : 6306803225595

Option 4 ID : 6306803225594

Status : Answered

Chosen Option : 2

Marks : 1

Q.190 Which of the following is the major product formed when cycloheptene reacts with BH_3/THF and then followed by the reaction with $\text{H}_2\text{O}_2/\text{NaOH}$?

- Ans
- ☒ 1. Cyclohexene
 - ☒ 2. Cycloheptanone
 - ☒ 3. Cyclohexane carbaldehyde
 - ☒ 4. Cycloheptanol

Question Type : MCQ
 Question ID : 630680823435
 Option 1 ID : 6306803225439
 Option 2 ID : 6306803225437
 Option 3 ID : 6306803225438
 Option 4 ID : 6306803225440
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.191 Which of the following statements is INCORRECT with respect to benzene derivatives?

- Ans
- ☒ 1. Melting points of para-disubstituted benzene derivatives are typically higher than those of the corresponding ortho and meta isomers.
 - ☒ 2. Benzene and other aromatic hydrocarbons are less dense than water.
 - ☒ 3. Many para-substituted compounds can be separated from their ortho and meta isomers by recrystallisation.
 - ☒ 4. Benzene and its hydrocarbon derivatives are soluble in water.

Question Type : MCQ
 Question ID : 630680823432
 Option 1 ID : 6306803225425
 Option 2 ID : 6306803225428
 Option 3 ID : 6306803225426
 Option 4 ID : 6306803225427
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.192 Which of the following increasing orders is correct with respect to standard absolute entropies of compounds at 25°C ?

- Ans
- ☒ 1. Methanol < Ethanol < Ethylene < Ethane
 - ☒ 2. Ethane < Ethylene < Methanol < Ethanol
 - ☒ 3. Methanol < Ethylene < Ethane < Ethanol
 - ☒ 4. Ethane < Methanol < Ethylene < Ethanol

Question Type : MCQ
 Question ID : 630680823414
 Option 1 ID : 6306803225355
 Option 2 ID : 6306803225353
 Option 3 ID : 6306803225356
 Option 4 ID : 6306803225354
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.193 Calculate how long a hydrogen atom will remain on the surface of a solid at 298 K if its desorption activation energy is 15 KJ mol^{-1} .
Assume that $\tau_0 = 10^{-13} \text{ s}$.

- Ans
- ✓ 1. $4.2 \times 10^{-11} \text{ s}$
 - ✗ 2. $2.8 \times 10^{-11} \text{ s}$
 - ✗ 3. $6.8 \times 10^{-11} \text{ s}$
 - ✗ 4. $9.2 \times 10^{-11} \text{ s}$

Question Type : MCQ
Question ID : 630680823397
Option 1 ID : 6306803225285
Option 2 ID : 6306803225287
Option 3 ID : 6306803225286
Option 4 ID : 6306803225288
Status : Not Answered
Chosen Option : --
Marks : 0

Q.194 Among the following bond angles which option is very nearer at carbon in alkyl halides, alcohols, thiols and ethers?

- Ans
- ✗ 1. 116°
 - ✗ 2. 104°
 - ✓ 3. 109.5°
 - ✗ 4. 120°

Question Type : MCQ
Question ID : 630680823444
Option 1 ID : 6306803225476
Option 2 ID : 6306803225474
Option 3 ID : 6306803225475
Option 4 ID : 6306803225473
Status : Not Answered
Chosen Option : --
Marks : 0

Q.195 Which of the following conditions is favourable for the preparation of Nylon-6 from Caprolactam?

- Ans
- ✗ 1. 353-363 K
 - ✗ 2. 153-163 K
 - ✗ 3. 250-260 K
 - ✓ 4. 533-543 K

Question Type : MCQ
Question ID : 630680823452
Option 1 ID : 6306803225507
Option 2 ID : 6306803225505
Option 3 ID : 6306803225508
Option 4 ID : 6306803225506
Status : Not Answered
Chosen Option : --
Marks : 0

Q.196 Which of the following compounds can be used as a redox indicator for locating the end point in titrating ferrous ions against dichromate ions?

- Ans
- ✓ 1. Diphenylamine
 - ✗ 2. Triethylenediamine
 - ✗ 3. Glycol
 - ✗ 4. Ethylenediamine

Question Type : MCQ
 Question ID : 630680823405
 Option 1 ID : 6306803225319
 Option 2 ID : 6306803225320
 Option 3 ID : 6306803225317
 Option 4 ID : 6306803225318
 Status : Not Answered
 Chosen Option : --
 Marks : 0

Q.197 What are the bond orders of O_2^- , O_2 and O_2^{2-} , respectively?

- Ans
- ✗ 1. 2.5, 2.0 and 3.0
 - ✗ 2. 2.0, 1.5 and 1.0
 - ✗ 3. 2.5, 2.0 and 1.5
 - ✓ 4. 1.5, 2.0 and 1.0

Question Type : MCQ
 Question ID : 630680823409
 Option 1 ID : 6306803225333
 Option 2 ID : 6306803225335
 Option 3 ID : 6306803225336
 Option 4 ID : 6306803225334
 Status : Answered
 Chosen Option : 4
 Marks : 1

Q.198 The word 'Curriculum' is derived from the _____ language.

- Ans
- ✓ 1. Latin
 - ✗ 2. German
 - ✗ 3. Greek
 - ✗ 4. Arabic

Question Type : MCQ
 Question ID : 630680823467
 Option 1 ID : 6306803225565
 Option 2 ID : 6306803225567
 Option 3 ID : 6306803225568
 Option 4 ID : 6306803225566
 Status : Answered
 Chosen Option : 1
 Marks : 1

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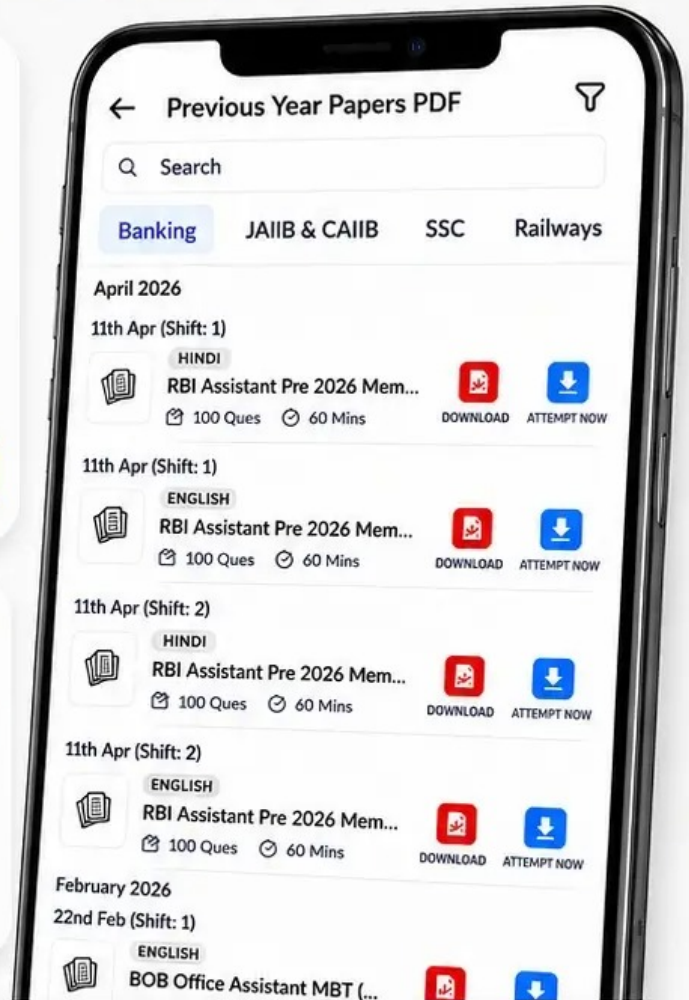
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Q.199 Which of the following is the major product obtained when reacts with carbon dioxide in the presence of water and is then followed by a reaction with diazomethane?

- Ans
- ☒ 1. Methylhexanoate
 - ☒ 2. Methylheptanoate
 - ☒ 3. Benzene diazonium bromide
 - ☒ 4. Methyloctanoate

Question Type : MCQ

Question ID : 630680823449

Option 1 ID : 6306803225493

Option 2 ID : 6306803225496

Option 3 ID : 6306803225494

Option 4 ID : 6306803225495

Status : Not Answered

Chosen Option : --

Marks : 0

Q.200 A photograph is considered a/an _____.

- Ans
- ☒ 1. closed text
 - ☒ 2. protective text
 - ☒ 3. recovery text
 - ☒ 4. open text

Question Type : MCQ

Question ID : 630680823479

Option 1 ID : 6306803225613

Option 2 ID : 6306803225616

Option 3 ID : 6306803225615

Option 4 ID : 6306803225614

Status : Not Answered

Chosen Option : --

Marks : 0