Maharashtra Public Service Commission

Notations :

1.Options shown in green color and with ✔ icon are correct.

2.Options shown in red color and with ✖ icon are incorrect.

Question Paper Name :	Statistical Officer Public Health Department GroupB
Subject Name :	Statistical Officer Public Health Department Group B
Actual Answer Key :	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Statistical Officer Public Health Department Group B

Section type : Online

Enable Mark as Answered Mark for Review and Clear Response : Yes

Maximum Instruction Time : 0

Is Section Default? : null

Question Number : 1 Question Id : 630680161913 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The 'SwasthGarbh' mobile app for pregnant women launched in 2022, has been developed by the Indian Institute of Technology (IIT) _____, in collaboration with the All India Institute of Medical Sciences (AIIMS), New Delhi.

Options :

1. ✔ Roorkee

2. ✖ Delhi

3. ✖ Bombay

4. ✖ Madras

Question Number : 1 Question Id : 630680161913 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

2022 मध्ये, 'स्वस्थगर्भ' हे गर्भवती स्त्रियांसाठी सुरु करण्यात आलेले मोबाईल ॲप, ऑल इंडिया इन्स्टिट्यूट ऑफ मेडीकल सायन्स (AIIMS) च्या सहयोगाने भारतीय प्रौद्योगिक संस्था (आयआयटी) _____ द्वारे विकसित करण्यात आले आहे.

Options :

1. ✔ रूरकी

2. ✖ दिल्ली

3. ✖ मुंबई

4. ✖ मद्रास

Question Number : 2 Question Id : 630680161914 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which of the following states was ranked as the best-governed state among the big states, in the Public Affairs Index-2022 (PAI-2022) released by

Bengaluru-based Public Affairs Centre (PAC)?

Options :

1. ✔ Haryana

2. ✖ Karnataka

3. ✖ Andhra Pradesh

4. ✖ Himachal Pradesh

Question Number : 2 Question Id : 630680161914 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

बंगरूळू येथील पब्लिक अफेअर्स सेंटर (PAC) ने प्रकाशित केलेल्या पब्लिक अफेअर्स इंडेक्स-2022 (PAI-2022) नूसार मोठ्या राज्यांतील खाली दिलेल्यांपैकी कोणते राज्य उत्कृष्ट शासित राज्य म्हणून अव्वल ठरले होते?

Options :

1. ✔ हरियाणा

2. ✖ कर्नाटक

3. ✖ आन्ध्र प्रदेश

4. ✖ हिमाचल प्रदेश

Question Number : 3 Question Id : 630680161915 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Who among the following became the first Indian player to get elected in the Athletes' Commission of the International Table Tennis Federation (ITTF) in November 2022?

Options :

1. ✖ Manika Batra

2. ✖ Sathiyan Gnanasekaran

3. ✔ Achanta Sharath Kamal

4. ✖ Neha Aggarwal

Question Number : 3 Question Id : 630680161915 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

खालील दिलेल्यापैकी कोण, नोव्हेंबर 2022 मध्ये, आंतरराष्ट्रीय टेबल टेनिस महासंघाच्या ॲथलिट समितीवर (ITTF) निवडून आलेला पहिला भारतीय खेळाडू ठरला?

Options :

1. ✖ माणिक बत्रा
2. ✖ साथियान ज्ञानशेखरन
3. ✔ अचंता शरद कमल
4. ✖ नेहा अग्रवाल

Question Number : 4 Question Id : 630680161916 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

What was the result of the Treaty of Sugauli between Nepal and British India?

Options :

1. ✖ Nepal was recognised as a fully sovereign state.
2. ✖ Districts of western terai were returned to Nepal.
3. ✔ The Gurkhas' service in the British army officially started.
4. ✖ No Customs duty would be levied at British Indian ports on goods imported on behalf of the Nepal Government.

Question Number : 4 Question Id : 630680161916 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

नेपाळ आणि ब्रिटीश भारत यांच्यामध्ये झालेल्या सुगौली करारातून काय निष्पन्न झाले होते?

Options :

1. ✖ नेपाळला एक परिपूर्ण सौर्वभौम राज्य म्हणून ओळख प्राप्त झाली होती.
2. ✖ पश्चिम तराईतील जिल्हे नेपाळला परत मिळाले.
3. ✔ ब्रिटीश सैन्यात गुरख्याना अधिकृतरित्या समाविष्ट करण्यात आले.
4. ✖ नेपाळ सरकारच्या वतीने आयात होणाऱ्या मालावर ब्रिटीश भारतीय बंदरावर जकात आकारणी बंद करण्यात आली होती.

Question Number : 5 Question Id : 630680161917 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

'Tuhfat-ul Muwahhidin' was the first philosophical work of which of the following social reformers?

Options :

1. ✖ Debendranath Tagore

2. ✔ Ram Mohan Roy

3. ✖ Ishwarchandra Vidyasagar

4. ✖ Rabindranath Tagore

Question Number : 5 Question Id : 630680161917 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

'तुहफ़ात-उल मुवाहिदीन' हे पहिले तत्वज्ञानात्मक लिखाण खालीलपैकी कोणत्या समाज सुधारकाने केले होते?

Options :

1. ✖ देवेन्द्रनाथ टागोर

2. ✔ राममोहन रॉय

3. ✖ इश्वरचंद्र विद्यासागर

4. ✖ रविंद्रनाथ टागोर

Question Number : 6 Question Id : 630680161918 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which temple is located at the place where Siddhartha Gautama transitioned from 'the Bodhisattva to the Buddha'?

Options :

1. ✔ The Mahabodhi Temple

2. ✖ Bagan Temple

3. ✖ Ramabhar Stupa Temple

4. ✖ Mahaparinirvana Temple

Question Number : 6 Question Id : 630680161918 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

सिद्धार्थ गौतम हे 'बोधीसत्त्वातून ते बुद्धात' परिवर्तीत झालेल्या स्थानावर कोणते मंदिर आहे?

Options :

1. ✔ महाबोधी मंदिर
2. ✖ बागन मंदिर
3. ✖ रामभर स्तूप मंदिर
4. ✖ महापरिनिर्वाण मंदिर

Question Number : 7 Question Id : 630680161919 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which of the states listed below is associated with 'Burrakatha', a ballad in which singers mostly recite mythological stories?

Options :

1. ✖ Kerala
2. ✖ Tamil Nadu
3. ✔ Andhra Pradesh
4. ✖ Odisha

Question Number : 7 Question Id : 630680161919 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

गायक ज्यात पौराणिक कथांचे संदर्भ वापरतात त्या 'बुर्राकथा' या पोवाड्याशी खाली दिलेल्या राज्यांपैकी कोणते राज्य संबंधित आहे?

Options :

1. ✖ केरळ
2. ✖ तामिळनाडू
3. ✔ आन्ध्र प्रदेश
4. ✖ ओडीशा

Question Number : 8 Question Id : 630680161920 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Who was the first chairman of the steering committee of the Code for Responsible Lending (CRL) in micro-credit established in 2019?

Options :

1. ✖ Sonia Krishnankutty

2. ✖ Harsh Shrivastava

3. ✖ Srinivas Bonam

4. ✔ HR Khan

Question Number : 8 Question Id : 630680161920 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

2019 साली, सूक्ष्म पत यामधील कर्जाच्या उत्तरदायित्वासाठीच्या संकेतांच्या (Code for Responsible Lending) (CRL) सुकाणू समितीचे पहिले अध्यक्ष कोण होते?

Options :

1. ✖ सोनिया कृष्णकूट्टी

2. ✖ हर्ष श्रीवास्तव

3. ✖ श्रीनिवास बोनाम

4. ✔ एच. आर. खान

Question Number : 9 Question Id : 630680161921 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

According to National Multidimensional Poverty Index 2021 published by Niti Ayog, which of the following states has the highest percentage of population deprived of drinking water (Uncensored Headcount: Drinking Water)?

Options :

1. ✔ Manipur

2. ✖ Meghalaya

3. ✖ Assam

4. ✖ Arunachal Pradesh

Question Number : 9 Question Id : 630680161921 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

निती आयोगा द्वारे प्रकाशित होणाऱ्या राष्ट्रीय बहुआयामी गरिबी निर्देशांक (नॅशनल मल्टीडायमेन्शनल पॉवर्टी इंडेक्स) 2021 नूसार, खालीलपैकी कोणत्या राज्याच्या लोकसंख्येचा सर्वाधिक टक्का पिण्याच्या पाण्यापासून वंचित राहिला आहे?

Options :

1. ✔ मणिपूर
2. ✖ मेघालय
3. ✖ आसाम
4. ✖ अरुणाचल प्रदेश

Question Number : 10 Question Id : 630680161922 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

'Blossom Shower', one of the local storms of hot weather season is related to which of the following?

Options :

1. ✖ Mangoes
2. ✔ Coffee
3. ✖ Rice
4. ✖ Jute

Question Number : 10 Question Id : 630680161922 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

'ब्लॉसम शॉवर' ही उष्ण हवामानाच्या ऋतूत येणारी स्थानिक वादळे खालीलपैकी कशाशी संबंधित आहेत?

Options :

1. ✖ आंबे
2. ✔ कॉफी
3. ✖ तांदूळ
4. ✖ ताग

Question Number : 11 Question Id : 630680161923 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Construction of Siyom bridge in Arunachal Pradesh was completed by which of the following organisations?

Options :

1. ✔ Border Roads Organisation

2. ✖ Indian Institution of Bridge Engineers

3. ✖ Indian Railways

4. ✖ National Projects Construction Corporation Limited

Question Number : 11 Question Id : 630680161923 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

अरुणाचल प्रदेशातील सियोम पूलाचे बांधकाम खालीलपैकी कोणत्या संस्थेने केले होते?

Options :

1. ✔ सीमा रस्ते संघटना

2. ✖ इंडियन इन्स्टिट्यूट ऑफ ब्रीज इंजिनिअर्स

3. ✖ भारतीय रेल्वे

4. ✖ नॅशनल प्रोजेक्ट्स कन्स्ट्रक्शन कॉरपोरेशन लिमिटेड

Question Number : 12 Question Id : 630680161924 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Match the following.

Different names of 'Jhumming'	States/UTs
A. Pamlou	1. Madhya Pradesh
B. Dipa	2. Manipur
C. Penda	3. Andaman and Nicobar islands
D. Dahiya	4. Andhra Pradesh

Options :

1. ✔ A-2; B-3; C-4; D-1

2. ✖ A-3; B-4; C-1; D-2

3. ✖ A-4; B-1; C-2; D-3

4. ✖ A-2; B-4; C-1; D-3

Question Number : 12 Question Id : 630680161924 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

योग्य जोड्या जुळवा.

'झूमींग'ची निरनिराळी नावे	राज्ये/केंद्रशासित प्रदेश
A. पाम्लोउ	1. मध्य प्रदेश
B. दिपा	2. मणिपूर
C. पेण्डा	3. अंदमान आणि निकोबार बेटे
D. दहिया	4. आन्ध्र प्रदेश

Options :

1. ✔ A-2; B-3; C-4; D-1

2. ✘ A-3; B-4; C-1; D-2

3. ✘ A-4; B-1; C-2; D-3

4. ✘ A-2; B-4; C-1; D-3

Question Number : 13 Question Id : 630680161925 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

In which of the following states are the 'Tamladu', 'Sangken', 'Ojiyale' and 'Mopin' festivals celebrated?

Options :

1. ✔ Arunanchal Pradesh

2. ✘ Karnataka

3. ✘ Himachal Pradesh

4. ✘ Goa

Question Number : 13 Question Id : 630680161925 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

खालीलपैकी कोणत्या राज्यात 'तामलाडू', 'संगकेन', 'ओजियाले' आणि 'मोपिन' हे उत्सव साजरे केले जातात?

Options :

1. ✔ अरुणाचल प्रदेश
2. ✖ कर्नाटक
3. ✖ हिमाचल प्रदेश
4. ✖ गोवा

Question Number : 14 Question Id : 630680161926 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

In June2022, two complementary loans of $500 million each were approved by the World Bank to support and enhance India's health sector, one of which will prioritize which of the following states?

Options :

1. ✖ Assam
2. ✖ Arunanchal Pradesh
3. ✔ Meghalaya
4. ✖ Manipur

Question Number : 14 Question Id : 630680161926 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

जून 2022 मध्ये, भारतातील आरोग्य विभागांच्या सहाय्यार्थ जागतिक बॅंकेने मान्यता दिलेल्या प्रत्येकी $500 हजारांच्या दोन पूरक कर्जांतील एकासाठी खालीलपैकी कोणत्या राज्याला अग्रक्रम देण्यात आला?

Options :

1. ✖ आसाम
2. ✖ अरुणाचल प्रदेश
3. ✔ मेघालय
4. ✖ मणिपूर

Question Number : 15 Question Id : 630680161927 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which of the following committees, in 1928, recommended that the Constitution should declare fundamental rights?

Options :

1. ✔ Nehru Committee
2. ✖ Ambedkar Committee
3. ✖ VKRV Rao Committee
4. ✖ Kelkar Committee

Question Number : 15 Question Id : 630680161927 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

घटनेने मूलभूत अधिकार जाहिर करावेत अशी शिफारस, 1928 साली, खालीलपैकी कोणत्या समितीने केली होती?

Options :

1. ✔ नेहरू समिती
2. ✖ आंबेडकर समिती
3. ✖ व्हि. के. आर्. व्ही राव समिती
4. ✖ केळकर समिती

Question Number : 16 Question Id : 630680161928 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Eight friends named P, Q, R, S, T, U, V and W are sitting around a circular table facing the centre. R is to third to the right of S. V is third to the left of Q. T is fourth to the right of Q. U is second to the left of V. P is to the immediate right of V. Who is sitting second to the left of U?

Options :

1. ✖ T
2. ✔ W
3. ✖ S
4. ✖ P

Question Number : 16 Question Id : 630680161928 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

P, Q, R, S, T, U, V आणि W या नावांचे आठ मित्र एका वर्तुळाकार टेबलाभोवती टेबलाच्या केंद्राकडे तोंड करून बसले आहेत. R हा S च्या उजवीकडे तिसऱ्या स्थानी आहे. V हा Q च्या डावीकडे तिसऱ्या स्थानी आहे, T हा Q च्या उजवीकडे चौथ्या स्थानी आहे. U हा V च्या डावीकडे दूसऱ्या स्थानी आहे. P हा V च्या लगत उजवीकडे आहे. तर U च्या डावीकडून दूसऱ्या स्थानी कोण बसले असेल?

Options :

1. ✖ T
2. ✔ W
3. ✖ S
4. ✖ P

Question Number : 17 Question Id : 630680161929 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Nine girls named K, L, M, N, O, P, R, S and T are sitting in a straight line facing north. More than three persons are sitting between R and O. T is at one of the line ends. L is third to the left of K. Only two persons are sitting between O and S. N is fourth to the left of M. L is to the immediate left of N. T is sitting at some place towards the left of N. S is to the immediate left of M. Who is sitting at fourth place to the right of R?

Options :

1. ✖ M
2. ✖ S
3. ✔ P
4. ✖ O

Question Number : 17 Question Id : 630680161929 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

K, L, M, N, O, P, R, S आणि T या नावाच्या नऊ मुली उत्तरेकडे तोंड करून एका रांगेत बसल्या आहेत. R आणि O च्या दरम्यान तीनपेक्षा अधिक व्यक्ती बसल्या आहेत. T हा रांगेच्या एका टोकाला आहे. L हा K च्या डावीकडून तिसरा आहे. O आणि S च्या दरम्यान केवळ दोन व्यक्ती बसल्या आहेत. N हा M च्या डावीकडून चौथा आहे. L हा N च्या लगत डावीकडे आहे. T हा N च्या डावीकडे काही एका स्थानावर आहे. S हा M च्या लगत डावीकडे आहे. तर R च्या उजवीकडून चौथ्या स्थानावर कोण बसला असेल?

Options :

1. ✖ M
2. ✖ S

3. ✔ P

4. ✖ O

Question Number : 18 Question Id : 630680161930 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A certain number of students are sitting in a straight line, all facing the north direction. Only 13 students are sitting between Rachit and Maheep. Only 11 students are sitting between Abdul and Maheep. Kartik is sitting at one of the line ends. Shamak is at the 20th place from the left end. Raj is sitting towards the left of Shamak, with five students between both of them. Rachit is sitting at one of the line ends. Abdul is at the 27th place from the right end. Rachit is towards the right of Maheep. Shamak is sitting at the 8th place to the left of Abdul. How many students are sitting in the line?

Options :

1. ✖ 52

2. ✖ 53

3. ✔ 54

4. ✖ 55

Question Number : 18 Question Id : 630680161930 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

ठराविक संख्येने विद्यार्थी उत्तरेकडे तोंड करून एका रांगेत बसले आहेत. रचित आणि महीप यांच्या दरम्यान केवळ 13 विद्यार्थी आहेत. अब्दुल आणि महीप यांच्या दरम्यान केवळ 11 विद्यार्थी आहेत. कार्तिक हा रांगेच्या एका टोकाला आहे. शामक हा डाव्या टोकाकडून 20 व्या स्थानावर आहे. राज हा शामकच्या डाव्याबाजूला बसला असून त्यांच्या दरम्यान पाचजण आहेत. रचित रांगेच्या एका टोकाला बसला आहे. अब्दुल हा उजव्या टोकाकडून 27 व्या स्थानावर आहे. रचित हा महीपच्या उजवीकडे आहे. शामक हा अब्दुलच्या डावीकडून 8 व्या स्थानावर आहे. तर त्या रांगेत एकूण किती विद्यार्थी बसले आहेत?

Options :

1. ✖ 52

2. ✖ 53

3. ✔ 54

4. ✖ 55

Question Number : 19 Question Id : 630680161931 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

If R > H > K = P and K = M > W = L > U < E, then which of the following is NOT correct?

Options :

1. ✖ P < R

2. ✖ P = M

3. ✖ L < K

4. ✔ U > H

Question Number : 19 Question Id : 630680161931 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

R > H > K = P आणि K = M > W = L > U < E असेल, तर खालीलपैकी काय योग्य नाही?

Options :

1. ✖ P < R

2. ✖ P = M

3. ✖ L < K

4. ✔ U > H

Question Number : 20 Question Id : 630680161932 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

In a certain code language, 'NATION' is written as 'XERRSM', and 'COURSE' is written as 'YSGIWV'. How will 'FLAUNT' be written in that language?

Options :

1. ✖ ERKXRY

2. ✖ EPJYSY

3. ✔ EPJXRY

4. ✖ EPJXRZ

Question Number : 20 Question Id : 630680161932 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

एका विशिष्ट सांकेतिक भाषेत, 'NATION' हे 'XERRSM' असे, आणि 'COURSE' हे 'YSGIWV' असे लिहिले जाते. तर त्याच सांकेतिक भाषेत 'FLAUNT' हे

कसे लिहिले जाईल?

Options :

1. ✖ ERKXRY
2. ✖ EPJYSY
3. ✔ EPJXRY
4. ✖ EPJXRZ

Question Number : 21 Question Id : 630680161933 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Jatin is standing in a park facing southwest. Then, he turns 135° anticlockwise, followed by a 90° anticlockwise turn. After that, he turns 225° clockwise, followed by another turn 135° anticlockwise. Then, he finally turns 45° anticlockwise. Which direction is he facing now?

Options :

1. ✖ North
2. ✔ Northeast
3. ✖ Southeast
4. ✖ South

Question Number : 21 Question Id : 630680161933 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

जतीन एका उद्यानात नैऋत्येकडे तोंड करून उभा आहे. त्यानंतर, तो घड्याळाच्या काट्याच्या विरुद्ध दिशेने 135° वळला, पुढे तो घड्याळाच्या काट्याच्या विरुद्ध दिशेने 90° वळला, त्यानंतर तो घड्याळाच्या काट्याच्या दिशेने 225°, पुन्हा घड्याळाच्या काट्याच्या विरुद्ध दिशेने 135° वळला. त्यानंतर शेवटी तो घड्याळाच्या काट्याच्या विरुद्ध दिशेने 45° वळला. तर आता त्याचे तोंड कोणत्या दिशेकडे असेल?

Options :

1. ✖ उत्तर
2. ✔ ईशान्य
3. ✖ आग्नेय
4. ✖ दक्षिण

Question Number : 22 Question Id : 630680161934 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A & B means 'A is the wife of B'
A % B means 'A is the brother of B'
A @ B means 'A is the son of B'
A # B means 'A is the mother of B'
A = B means 'A is the father of B'

If H % G # M @ Y % T @ S & X = K, then which of the following statements is NOT correct?

Options :

1. ✹ G is the wife of Y.

2. ✹ T is the brother of K.

3. ✔ Y is the son-in-law of H

4. ✹ S is the paternal grandmother of M.

Question Number : 22 Question Id : 630680161934 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A & B याचा अर्थ 'A हा B ची पत्नी आहे'
A % B याचा अर्थ 'A हा B चा भाऊ आहे'
'A @ B याचा अर्थ 'A हा B चा मुलगा आहे'
A # B याचा अर्थ 'A हा B ची आई आहे'
A = B याचा अर्थ 'A हे B चे वडील आहेत'

H % G # M @ Y % T @ S & X = K असेल, तर खालीलपैकी कोणते विधान योग्य नाही?

Options :

1. ✹ G ही Y ची पत्नी आहे.

2. ✹ T हा K चा भाऊ आहे.

3. ✔ Y हा H चा जावई आहे.

4. ✹ S ही M च्या वडीलांची आई आहे.

Question Number : 23 Question Id : 630680161935 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Given below is a question followed by three statements, I, II and III, each containing some information. Decide which of the statement(s) is/ are

sufficient/necessary to answer the question.

Question: Six houses labeled A, B, C, D, E and F are located in a colony. What is the straight distance between House-A and House-E?

Statements:
I. House F is 65 m east to House C, House A is 65 m west to House D.
II. House C is 85 m north to House E, House A is 70 m north to House C.
III. House F is 70 m south to House D, House B is 90 m west to House C.

Options :

1. ✖ Statement I only is sufficient.

2. ✔ Statement II only is sufficient.

3. ✖ Statement I and II together are necessary.

4. ✖ All three Statements I, II and III together are necessary.

Question Number : 23 Question Id : 630680161935 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

खाली एक प्रश्न व त्याखाली I, II आणि III ही तीन विधाने दिली आहेत, प्रत्येक विधानात काही माहिती दिली आहे. प्रश्नाचे उत्तर देण्यासाठी कोणते (ती) विधान/ने पूरेशी/आवश्यक आहेत ते ठरवा.

प्रश्न : एका वसाहतीत A, B, C, D, E आणि F या नावाची सहा घरे आहेत. घर-A आणि घर-E यांच्यात सरळरेषेतील अंतर किती असेल?

विधान :
I. घर F हे घर C च्या पूर्वेस 65 m वर आहे, घर A हे घर D च्या पश्चिमेस 65 m वर आहे
II. घर C हे घर E च्या उत्तरेस 85 m वर आहे, घर A हे घर C च्या उत्तरेस 70 m वर आहे.
III. घर F हे घर D च्या दक्षिणेस 70 m वर आहे, घर B घर हे C च्या 90 m पश्चिमेस आहे.

Options :

1. ✖ केवळ विधान I पूरेसे आहे.

2. ✔ केवळ विधान II पूरेसे आहे.

3. ✖ विधान I आणि II दोन्ही एकत्र आवश्यक आहेत.

4. ✖ I, II आणि III ही तिन्ही विधाने एकत्रितपणे आवश्यक आहेत.

Question Number : 24 Question Id : 630680161936 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Consider the following statement and decide which of the given assumptions is/are implicit in the statement.

Statement: Online education allows students to attend classes from any location of their choice. Additionally, online lectures can be recorded, archived and shared for future reference and later use.

Assumptions:

I. Students can view the recorded content for revising the lecture.

II. Online education does not allow the students to learn the content at a time of their comfort.

III. Only geographically distant students can attend online lectures.

Options :

1. ✔ Only I is implicit

2. ✖ Only I and II are implicit

3. ✖ Only I and III are implicit

4. ✖ All I, II and III are implicit

Question Number : 24 Question Id : 630680161936 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

खालील विधान विचारात घ्या आणि दिलेल्यापैकी कोणते/कोणती गृहीतक/गृहीतके विधानात अनुस्यूत आहे/आहेत ते ठरवा.

विधान: ऑनलाईन शिक्षण, विद्यार्थ्यांना त्यांनी निवडलेल्या कोणत्याही स्थानावरून वर्गात उपस्थित राहण्यास परवानगी देते. इतकेच नव्हेत तर, ऑनलाईन व्याख्याने रेकॉर्ड करता येतात, साठवता येतात आणि पुढील संदर्भांसाठी आणि वापरासाठी ती शेअर करता येऊ शकतात.

गृहीतके: I. विद्यार्थी व्याख्यानाच्या उजळणीसाठी रेकॉर्डींग पाहू शकतात.

II. ऑनलाइन शिक्षणात विद्यार्थ्यांना त्यांच्या सोयीच्या वेळी शिक्षणक्रमातील एखादा भाग शिकण्यास परवानगी नसते.

III. भौगोलिकदृष्ट्या दूरस्थ असणारे विद्यार्थी च केवळ ऑनलाईन व्याख्यानांना उपस्थित राहू शकतात.

Options :

1. ✔ केवळ विधान I अनुस्यूत आहे.

2. ✖ केवळ विधान I आणि II अनुस्यूत आहेत.

3. ✖ केवळ विधान I आणि III अनुस्यूत आहेत.

4. ✖ I, II आणि III ही सर्व विधाने अनुस्यूत आहेत.

Question Number : 25 Question Id : 630680161937 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A statement is followed by three courses of action numbered I, II and III. Assuming everything in the statement to be true, decide which of the suggested courses of action (a decision to be taken for follow up /improvement in regard to the problem) logically follow(s) for pursuing.

Statement: The residents of a housing colony have complained to the police about the rising cases of theft in the last two months.

Courses of Action:
I. All the police vans of the city should be deployed to this housing colony to prevent the cases of theft.
II. The police should be more vigilant in this area and should install CCTV cameras in this housing colony.
III. The people residing in this area should also be involved through police-public partnerships to be more vigilant, and timely inform about any suspicious person or activity.

Options :

1. ✷ Only I and III follow
2. ✷ Only II follows
3. ✷ Only I and II follow
4. ✔ Only II and III follow

Question Number : 25 Question Id : 630680161937 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

एक विधान व त्यापुढे I, II आणि III या तीन कार्याच्या दिशा दिल्या आहेत. विधानात दिलेली सर्व माहिती खरी आहे असे गृहीत धरा, दिलेल्यापैकी कोणती कार्याची दिशा (समस्येच्या संदर्भातून पाठपुरावा/सुधारणेसाठी निर्णय घ्यावा) पाठपूराव्यासाठी तर्कसंगत आहे, ते ठरवा.

विधान : गेल्या दोन महिन्यात वाढलेल्या चोरीच्या प्रकरणाबद्दल वसाहतीतील रहिवाश्यांनी पोलिसात तक्रार केली.

कार्याच्या दिशा :
I. चोरीची प्रकरणे रोखण्यासाठी शहरातील पोलिसांच्या सा-या गाड्या सदर वसाहतीत तैनात कराव्यात.
II. या क्षेत्रात पोलिसांनी अधिक सतर्क व्हावे आणि या वसाहतीत CCTV कॅमेरे बसवावेत .
III. या भागात रहाणाऱ्या लोकांनी अधिक सतर्कतेसाठी पोलिस-जनता युतीतही सहभागी व्हावे, आणि कोणत्याही संशयित व्यक्ती वा कृतीविषयी त्यावेळी माहिती द्यावी.

Options :

1. ✷ केवळ I आणि III तर्कसंगत आहेत
2. ✷ केवळ II तर्कसंगत आहे.
3. ✷ केवळ I आणि II तर्कसंगत आहेत
4. ✔ केवळ II आणि III तर्कसंगत आहेत

Is Section Default? : null

Question Number : 26 Question Id : 630680161938 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Questioning to all candidates of a given population is called:

Options :

1. ✖ Sample

2. ✖ Gallup poll

3. ✔ Census

4. ✖ Nielsen audit

Question Number : 27 Question Id : 630680161939 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A gallup poll means:

(I) an assessment of public opinion by the questioning of a complete population

(II) an assessment of public opinion by the questioning of a representative sample

Options :

1. ✖ Only (I)

2. ✔ Only (II)

3. ✖ Both (I) and (II)

4. ✖ Neither (I) nor (II)

Question Number : 28 Question Id : 630680161940 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The classification of data by space or spatial belongs to which option?

Options :

1. ✖ Qualitative classification

2. ✖ Quantitative classification

3. ✖ Chronological classification

4. ✔ Geographical classification

Question Number : 29 Question Id : 630680161941 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Temporal classification is based on:

Options :

1. ✖ quality

2. ✖ quantity

3. ✔ time

4. ✖ space

Question Number : 30 Question Id : 630680161942 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

'Less than ogive' and 'More than ogive' of following data meet at:

4,6,6,8,5,0,9,5,0,7

Options :

1. ✖ 5.0

2. ✖ 5.2

3. ✔ 5.5

4. ✖ 5.8

Question Number : 31 Question Id : 630680161943 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A graph that uses a circular chart to display data visually is known as:

Options :

1. ✖ histogram

2. ✖ bar graph

3. ✔ pie chart

4. ✖ frequency polygons

Question Number : 32 Question Id : 630680161944 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The Mean, Median, Mode respectively from the following data are:

43,48,38,54,43,40,50,43,35,48

Options :

1. ✔ (44.2,43,43)

2. ✖ (43.2,43,43)

3. ✖ (44.2,44,43)

4. ✖ (44.2,43.5,43)

Question Number : 33 Question Id : 630680161945 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The deciles-7 from the following data is:

10,50,30,20,10,20,70,30

Options :

1. ✖ 34

2. ✖ 35

3. ✔ 36

4. ✖ 37

Question Number : 34 Question Id : 630680161946 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Population Coefficient of Variation from the following data is:

8,9,7,10,8,6

Options :

1. ✖ $\sqrt{\dfrac{5}{24}} \times 100$

2. ✖ $\sqrt{\dfrac{5}{64}} \times 100$

3. ✖ $\sqrt{\dfrac{5}{128}} \times 100$

4. ✔ $\sqrt{\dfrac{5}{192}} \times 100$

Question Number : 35 Question Id : 630680161947 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The arithmetic mean, geometric mean, and harmonic mean of 5,10,20 are:

Options :

1. ✔ $\dfrac{35}{3}, 10, \dfrac{60}{7}$

2. ✘ $\dfrac{35}{3}, 10, \dfrac{65}{3}$

3. ✘ $\dfrac{35}{3}, 10, \dfrac{65}{7}$

4. ✘ $\dfrac{35}{7}, 10, \dfrac{60}{3}$

Question Number : 36 Question Id : 630680161948 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The median of the following grouped data is:

Class	2-5	5-6	6-9	9-14
Frequency	4	5	3	2

Options :

1. ✘ 5.2

2. ✘ 5.4

3. ✔ 5.6

4. ✗ 5.8

Question Number : 37 Question Id : 630680161949 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Let A, B, C be arbitrary events. Which option is INCORRECT?

Options :

1. ✗ $P(A \cap B \cap C) = P(A)P(B|A)P(C|A \cap B)$

2. ✔ $P(A \cap B \cap C) = P(A)P(B)P(C)$

3. ✗ $P(A \cup B \cup C) = P(A) + P(B) + P(C) - P(A \cap B) - P(A \cap C) - P(B \cap C) + P(A \cap B \cap C)$

4. ✗ $P(A \cup B|C) = P(A|C) + P(B|C) - P(A \cap B|C)$

Question Number : 38 Question Id : 630680161950 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Let X follow binomial distribution with parameter $n = 10$ and unknown p. If the skewness is zero, then p equals to:

Options :

1. ✗ 0

2. ✗ $\frac{1}{4}$

3. ✖ $\dfrac{1}{3}$

4. ✔ $\dfrac{1}{2}$

Question Number : 39 Question Id : 630680161951 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

If the occurrences of the events follows Poisson process with mean rate 4 per hour, then inter-occurrence time follows:

Options :

1. ✖ Poisson distribution with mean rate 15 per hour

2. ✖ Poisson distribution with mean time 15 minutes

3. ✔ Exponential distribution with mean time 15 minutes

4. ✖ Exponential distribution with mean rate 15 per hour

Question Number : 40 Question Id : 630680161952 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Given $X{\sim}Normal(\mu = 2, \sigma^2 = 25)$ and $Y{\sim}Normal(\mu = 4, \sigma^2 = 36)$ are two independent random

variables. The $var(3X - 4Y + 5)$ equals to

Options :

1. ✖ -346

2. ✖ -351

3. ✔ 801

4. ✖ 806

Question Number : 41 Question Id : 630680161953 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

If $P(A) = \frac{3}{5}$, $P(B) = \frac{2}{7}$, and $P(A \cap B) = \frac{1}{4}$, then the value of $P(B|\bar{A})$ is:

Options :

1. ✖ $\dfrac{3}{56}$

2. ✔ $\dfrac{5}{56}$

3. ✖ $\dfrac{7}{56}$

4. ✖ $\dfrac{9}{56}$

Question Number : 42 Question Id : 630680161954 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A document is known to have received either from TATANAGAR or from CALCUTTA. On the cover, just two consecutive letters TA are clearly visible. The probability that the document received from TATANAGAR is:

Options :

1. ✗ $\dfrac{3}{11}$

2. ✗ $\dfrac{5}{11}$

3. ✔ $\dfrac{7}{11}$

4. ✗ $\dfrac{9}{11}$

Question Number : 43 Question Id : 630680161955 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Let A and B are independent events such that $P(A) = 0.63, P(B) = 0.34$. The probability of occurrence of at least one event is:

Options :

1. ✔ 0.7558

2. ✗ 0.6356

3. ✗ 0.3456

4. ✗ 0.2142

Question Number : 44 Question Id : 630680161956 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Suppose a factory is using a technology which produces bulbs with an average life of 1000 hours. The management is likely to adopt the new technology only if it is trustworthy that the average life of bulbs produced by the new technology exceeds 1200 hours. For testing the hypothesis, the problem is:

Options :

1. ✗ $H_0 : \mu = 1200$ and $H_1 : \mu \neq 1200$

2. ✗ $H_0 : \mu \leq 1200$ and $H_1 : \mu \geq 1200$

3. ✗ $H_0 : \mu < 1200$ and $H_1 : \mu \geq 1200$

4. ✓ $H_0 : \mu \leq 1200$ and $H_1 : \mu > 1200$

Question Number : 45 Question Id : 630680161957 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A random sample of 400 employees is found to have a mean weight of 65.38 kg from a normally distributed large population with a mean weight of 65.17 kg and a standard deviation of 3.30 kg, which is drawn to test the hypotheses of mean weight at 95% confidence. The standard error of the sample mean is equal to:

Options :

1. ✗ 0.2100

2. ✗ 0.0105

3. ✗ 0.0908

4. ✓ 0.1650

Question Number : 46 Question Id : 630680161958 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

For the one-tailed two-sample F −test, the estimates of variance are $s_1^2 = 2.09$ and $s_2^2 = 1.10$. F statistics

is equal to:

Options :

1. ✓ 1.90

2. ✗ 2.299

3. ✗ 0.99

4. ✗ 3.19

Question Number : 47 Question Id : 630680161959 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Let the first sample of size $n_1 = 9$ be drawn from the normally distributed population with mean $\mu_1 = 3$ and standard deviation $\sigma = 2$. Let the second sample of size $n_2 = 16$ be drawn independently from the normally distributed population with mean $\mu_2 = 4$ and standard deviation $\sigma = 2$. Let $\bar{X}_1, \bar{X}_2$ be sample means, S_1, S_2 are sample deviations of two independent first and second random samples, respectively.

If $s = \sqrt{\frac{9S_1^2 + 16S_2^2}{25}}$, then $\frac{(\bar{X}_1 - 3) - (\bar{X}_2 - 4)}{s\sqrt{\frac{1}{9} + \frac{1}{16}}}$ follows:

Options :

1. ✔ t distribution with degree of freedom 23

2. ✗ t distribution with degree of freedom 25

3. ✗ χ^2 distribution with degree of freedom 23

4. ✗ χ^2 distribution with degree of freedom 25

Question Number : 48 Question Id : 630680161960 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A sample of size 400 is drawn from a large population with mean 171.17 and standard deviation 3.30 and sample mean is computed as 171.38. To test the hypotheses about the mean $H_0 : \mu = 171.17$ at 95% confidence, which option is correct?

Options :

1. ✗ $H_1 : \mu \geq 171.17$

2. ✗ Standard error of $\bar{X} = 0.125$

3. ✖ The value of test statistics is 0.125

The critical region is $|z| \geq 1.96$

4. ✔

Question Number : 49 Question Id : 630680161961 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

At significance level $\alpha = 0.05$, for the hypothesis testing $H_0: S_1^2 = S_2^2$ vs $S_1^2 \neq S_2^2$ from the following two sample data 19,22,24,27,24,18,20,19,25 ($\bar{x}_1 = 22, S_1^2 = 10$) and 26,37,40,35,30,30,40,26,30,35,45 ($\bar{x}_2 = 34, S_2^2 = 38$), the test statistic equals to:

Options :

1. ✖ 48

2. ✖ 28

3. ✔ $\dfrac{19}{5}$

4. ✖ $\dfrac{10}{19}$

Question Number : 50 Question Id : 630680161962 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A random sample is drawn from $N(\mu, \sigma^2); \mu, \sigma^2$ are unknown. Which of the following is the simple hypothesis?

Options :

1. ✓ $H_0: \mu = 2, \sigma^2 = 1$

2. ✗ $H_0: \mu = 2, \sigma^2 < 1$

3. ✗ $H_0: \sigma^2 = 1$

4. ✗ $H_0: \mu \geq 2, \sigma^2 = 1$

Question Number : 51 Question Id : 630680161963 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A random sample of 50 articles is taken from a large batch of articles contains 5 defective articles. For determining the 95% confidence limits for the proportion (p) of defective articles in the batch, the standard error of p is:

Options :

1. ✓ $\dfrac{3\sqrt{2}}{50}$

2. ✗ $\dfrac{3\sqrt{2}}{100}$

3. ✗ $\dfrac{3\sqrt{2}}{200}$

4. ✗ $\dfrac{3\sqrt{2}}{400}$

Question Number : 52 Question Id : 630680161964 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Ram tossed a biased coin 40 times and got a head 15 times while Shyam tossed the same coin 60 times and got 35 tails.

The maximum likelihood estimate of the probability of getting a head when the coin is tossed is:

Options :

1. ✗ $\dfrac{1}{5}$

2. ✔ $\dfrac{2}{5}$

3. ✗ $\dfrac{1}{3}$

4. ✗ $\dfrac{2}{3}$

Question Number : 53 Question Id : 630680161965 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

To test $H_0 : \mu \leq 1200$ vs $H_1 : \mu > 1200$ with level of significance $\alpha = 0.05$, we collect the sample of size

100 from the normally distributed population with unknown mean μ and variance 100. The critical region is:

Options :

1. ✗ $\bar{x} \geq 1200$

2. ✗ $\bar{x} \geq 1200.645$

3. ✔ $\bar{x} \geq 1201.645$

4. ✗ $\bar{x} \leq 1200$

Question Number : 54 Question Id : 630680161966 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

From the following data, $n = 4, \Sigma x = 24, \Sigma y = 10, \Sigma x^2 = 164, \Sigma y^2 = 30, \Sigma xy = 52$, the equation of regression line y on x is:

Options :

1. ✔ $y = 4.9 - 0.4x$

2. ✗ $y = 4.9 + 0.4x$

3. ✗ $x = 10 - 1.6y$

4. ✗ $x = 10 + 1.6y$

Question Number : 55 Question Id : 630680161967 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

For the given data (x, y), the regression line equations are $x + y = 2$ and $2x + 3y = 4$. The mean of x and y are:

Options :

1. ✔ (2,0)

2. ✘ (0,2)

3. ✘ (0.5,0)

4. ✘ (0,0.5)

Question Number : 56 Question Id : 630680161968 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The estimated value of y at $x = 4$ from regression line equations from the data having $\bar{x} = 30, \bar{y} = 45, \sigma_x = 2, \sigma_y = 3$ and $r = 0.4$ is:

Options :

1. ✘ 24.6

2. ✘ 26.6

3. ✘ 27.4

4. ✔ 29.4

Question Number : 57 Question Id : 630680161969 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

If the coefficient of determination is 64% and the residual sum of squares is 1.80, then the total sum of squares is equal to:

Options :

1. ✖ 4.8

2. ✔ 5.0

3. ✖ 5.2

4. ✖ 5.6

Question Number : 58 Question Id : 630680161970 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The correlation coefficient from the regression line equations $x + y = 1$ and $x - y = 1$ is:

Options :

1. ✖ 1

2. ✖ $\dfrac{1}{2}$

3. ✖ $\dfrac{1}{4}$

4. ✔ regression is not possible

Question Number : 59 Question Id : 630680161971 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The number of ways to select a simple random sample of 5 packets of edible oil with distinct combinations drawn from a carton of 20 packets is:

Options :

1. ✖ 20^5

2. ✖ $20 \times 19 \times 18 \times 17 \times 16$

3. ✔ $\dfrac{20!}{5!\,15!}$

4. ✖ $\dfrac{20!}{5!}$

Question Number : 60 Question Id : 630680161972 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

For systematic sampling, which alternative(s) is (are) correct:

(I) sampling involves selecting fixed intervals from the larger population

(II) sampling divides the population into groups, then takes a random sample from each cluster

(III) sampling is a random probability sampling

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and III

4. ✖ Both II and III

Question Number : 61 Question Id : 630680161973 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The statistic derived from the sample is:

Options :

1. ✖ μ

2. ✖ σ

3. ✖ P

4. ✔ m_r

Question Number : 62 Question Id : 630680161974 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The order of selected units in multistage sampling is:

Options :

1. ✖ USUs, SSUs, and PSUs

2. ✖ SSUs, USUs, and PSUs

3. ✔ PSUs, SSUs, and USUs

4. ✖ SSUs, PSUs, and USUs

Question Number : 63 Question Id : 630680161975 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

'Choosing every 12th customer as they exit the store' is the sampling method for:

Options :

1. ✖ quota sampling

2. ✖ clustering sampling

3. ✖ stratified sampling

4. ✔ systematic sampling

Question Number : 64 Question Id : 630680161976 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

A linear systematic sample is drawn from a population of 30 units with sample interval of 4. An unbiased estimate of the population total is:

Options :

1. ✖ $30 \times$ (sample mean)

2. ✖ $4 \times$ (sample mean)

3. ✖ sample total

4. ✔ $4 \times$ (sample total)

Question Number : 65 Question Id : 630680161977 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

For the method of collecting the data, which option is INCORRECT?

(I) Experimental research is primarily a quantitative method.

(II) Interviews, focus groups, and ethnographies are qualitative methods.

(III) Surveys, observations, archival research and secondary data collection can be quantitative or qualitative methods.

Options :

1. ✖ Only (I)

2. ✖ Both (I) and (III)

3. ✖ Both (II) and (III)

4. ✔ Neither (I), (II), nor (III)

Question Number : 66 Question Id : 630680161978 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which of the following is NOT correct?

Options :

1. ✖ Convenience sampling: sample is taken from a group of people easy to contact

2. ✖ Quota sampling: sample involving individuals that represent a population

3. ✖ Snowball sampling: recruitment technique

4. ✔ Stratified random sampling: population is divided into heterogeneous groups

Question Number : 67 Question Id : 630680161979 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which option is NOT a component of time series?

Options :

1. ✖ Secular trend

2. ✖ Seasonal variation

3. ✖ Cyclical fluctuation

4. ✔ Regular movement

Question Number : 68 Question Id : 630680161980 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The prices of different varieties of wheat (per kg) in two consecutive years are as follows.

Commodity	VL-832	HS-365	WH-147	NP-200
Price (in 2020)	60	70	40	30
Price (in 2021)	70	60	48	27

By simple aggregative method, the net price changes in % is:

Options :

1. ✖ Net increase of 2% in price

2. ✔ Net increase of 2.5% in price

3. ✖ Net decrease of 2% in price

4. ✖ Net decrease of 2.5% in price

Question Number : 69 Question Id : 630680161981 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

For determining the trend in time series, the Gompertz curve is:

Options :

1. ✖ $y = a + bc^x$

2. ✖ $\dfrac{1}{y} = a + bc^x$

3. ✖ $\log y = a + bx^c$

4. ✔ $\log y = a + bc^x$

Question Number : 70 Question Id : 630680161982 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

For the year 2022, Paasche's price index from the following data is:

Commodities	Quantities 2021	Price per unit 2021	Quantities 2022	Price per unit 2022
A	3	2.0	5	2.5
B	4	2.5	6	3.0
C	2	3.0	3	2.5

Options :

1. ✖ 121.76

2. ✔ 111.76

3. ✖ 101.76

4. ✖ 100.76

Question Number : 71 Question Id : 630680161983 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

If $\sum p_0 q_0 = 140, \sum p_0 q_1 = 230, \sum p_1 q_0 = 196, \sum p_1 q_1 = 322$, then the Fisher ideal index number equals to:

Options :

1. ✖ 120

2. ✖ 125

3. ✖ 130

4. ✔ 140

Question Number : 72 Question Id : 630680161984 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

From the following data, the Laspeyre's price index for the year 2020 is:

Items	Quantities		Price per unit	
	2019	2020	2019	2020
Apple	30	50	20	25
Banana	40	60	25	30
Carrot	20	30	30	25

Options :

1. ✖ 100.36

2. ✖ 101.36

3. ✔ 111.36

4. ✖ 121.36

Question Number : 73 Question Id : 630680161985 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

For the sales data, the fourth 3-year weighted moving average with weight 1,2,1 is:

Year	1	2	3	4	5	6
Sales	4.9	4.9	5.7	5.8	6.0	4.8

Options :

1. ✖ 5.100

2. ✖ 5.525

3. ✔ 5.650

4. ✖ 5.825

Question Number : 74 Question Id : 630680161986 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

For the following data of production of a rice factory, the estimate of the production in tons for 2023 using the straight line trend with origin at the year 2019 by the least squares method

$(\sum x = 0, \sum x^2 = 28, \sum xy = 56)$ is:

Year(X)	2016	2017	2018	2019	2020	2021	2022
Production ('000 tons)(y)	76	87	95	81	91	96	90

Options :

1. ✗ 86000

2. ✗ 88000

3. ✔ 96000

4. ✗ 98000

Question Number : 75 Question Id : 630680161987 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

From the following data, the Edge-Worth-Marshal index number for the year 2022 is:

Commodities	Quantities 2021	Price per unit 2021	Quantities 2022	Price per unit 2022
A	8	2.0	6	4.0
B	10	5.0	5	6.0
C	14	4.0	10	5.0
D	19	2.0	15	2.0

Options :

1. ✖ 110.09

2. ✖ 115.09

3. ✖ 120.09

4. ✔ 125.09

Question Number : 76 Question Id : 630680161988 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

National Account Statistics (NAS), an annual publication of CSO is also known as:

Options :

1. ✓ white paper

2. ✗ yellow paper

3. ✗ pink paper

4. ✗ purple paper

Question Number : 77 Question Id : 630680161989 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

In order of the economy of the world, the position of India is:

Options :

1. ✗ third

2. ✓ fifth

3. ✗ seventh

4. ✗ tenth

Question Number : 78 Question Id : 630680161990 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The method of census is (are) as follows:

(I) De facto method

(II) De jure method

Options :

1. ✖ Only I

2. ✖ Only II

3. ✔ Both I and II

4. ✖ Neither I nor II

Question Number : 79 Question Id : 630680161991 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The NSSO has four divisions:
(a) Survey Design and Research, (b) Field Operations, (c) Data processing, and (d) _____.

Options :

1. ✖ Finance Analysis

2. ✔ Economic Analysis

3. ✖ Planning Analysis

4. ✖ Consumer Analysis

Question Number : 80 Question Id : 630680161992 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

According to census 2011, the state with the lowest decadal growth rate is:

Options :

1. ✔ Nagaland

2. ✖ Meghalaya

3. ✖ Kerala

4. ✖ Uttar Pradesh

Question Number : 81 Question Id : 630680161993 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

'Milk and milk products' is one of the 8 broad groups of:

Options :

1. ✔ livestock statistics

2. ✖ agricultural statistics

3. ✖ economic statistics

4. ✖ forest statistics

Question Number : 82 Question Id : 630680161994 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Data on the landing of marine fish are collected by the:

Options :

1. ✖ ICAR-CIFE, Mumbai

2. ✖ ICAR-FRIC, Bengaluru

3. ✖ ICAR-CIFRI, Guwahati

4. ✔ ICAR-CMFRI, Cochin

Question Number : 83 Question Id : 630680161995 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Factory Act is applied to all factories employing:

Options :

1. ✔ 10 persons or more when it uses power

2. ✖ 20 persons or more when it uses power

3. ✖ 50 persons or more when it uses power

4. ✖ 100 persons or more when it uses power

Question Number : 84 Question Id : 630680161996 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Trade statistics are compiled and published regularly by the directorate of Commercial Intelligence and Statistics (DCIS). DCIS headquarter is at:

Options :

1. ✖ Mumbai

2. ✖ Delhi

3. ✔ Kolkata

4. ✖ Chennai

Question Number : 85 Question Id : 630680161997 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

If the central mortality rate $m_{40} = 0.2$, then the probability of dying of a person between the age interval 40 and 41 is:

Options :

1. ✖ $\dfrac{1}{11}$

2. ✔ $\dfrac{2}{11}$

3. ✖ $\dfrac{3}{11}$

4. ✖ $\dfrac{4}{11}$

Question Number : 86 Question Id : 630680161998 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

If the population of a tribe in town A in 2011 is 36 and 64 in 2021, then estimated the population of the tribe in town A in 2016 is:

Options :

1. ✖ 50

2. ✔ 48

3. ✖ 46

4. ✖ 52

Question Number : 87 Question Id : 630680161999 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The last census population of a particular locality is 1043. The emigrant, birth, and death data for the locality in a given period are 4, 20, 13, respectively. If the current population is 1061, then the number of immigrants is:

Options :

1. ✖ 13

2. ✖ 14

3. ✔ 15

4. ✖ 16

Question Number : 88 Question Id : 630680162000 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time :

N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The gross reproduction rate is based on the following assumptions.

(I) No female children die till they attain the upper limit of child bearing age.

(II) The female population remains stagnant in spite of migration.

(III) The current fertility rate continues to hold during the entire period of child bearing age.

Options :

1. ✗ Both (I) and (II)

2. ✗ Both (I) and (III)

3. ✗ Both (II) and (III)

4. ✓ All (I), (II), and (III)

Question Number : 89 Question Id : 630680162001 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

If B_g be the number of girls born to P_g women of the age group x to $x + n$ and S be survival rate (p_x) per woman which is obtained by the life table for each age group, then the net reproduction rate is:

Options :

1. ✓ $\sum_{\substack{all\ age \\ group}} \left(\frac{B_g}{P_g} \times S \right) \times class\ interval\ of\ the\ age\ group$

2. ✖ $\sum_{\substack{all\ age \\ group}} \left(\frac{P_g}{B_g} \times S \right) \times class\ interval\ of\ the\ age\ group$

3. ✖ $\sum_{\substack{all\ age \\ group}} \left(\frac{B_g}{P_g \times S} \right) \times class\ interval\ of\ the\ age\ group$

4. ✖ $\sum_{\substack{all\ age \\ group}} \left(\frac{P_g}{B_g \times S} \right) \times class\ interval\ of\ the\ age\ group$

Question Number : 90 Question Id : 630680162002 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

If the force of mortality is $\mu(y) = \lambda$, then the survival function $S_x(t)$ is:

Options :

1. ✖ λt

2. ✔ $e^{-\lambda t}$

3. ✖ λ

4. ✖ $\ln(\lambda t)$

Question Number : 91 Question Id : 630680162003 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Age group	15-19	20-24	25-29	30-34	35-39	40-44
Female Population	24	35	44	32	30	27
Live births	2	3	4	4	3	2

The general fertility rate is:

Options :

1. ✖ 77.75

2. ✖ 84.75

3. ✔ 93.75

4. ✖ 98.75

Question Number : 92 Question Id : 630680162004 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Age group	15-19	20-24	25-29	30-34	35-39	40-44
Age specific marital fertility rate	24	148	200	220	160	80

The total marital fertility rate per woman is:

Options :

1. ✖ 1.860

2. ✖ 2.460

3. ✖ 3.960

4. ✔ 4.160

Question Number : 93 Question Id : 630680162005 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

In a simple economy, for a component of the circular flow of income, which alternative is correct?

Options :

1. ✖ (I) Factor payments, (II) Goods & Services, (III) Depreciation

2. ✔ (I) Factor payments, (II) Goods and services, (III) Spending

3. ✖ (I) Goods & Services, (II) Depreciation, (III) Spending

4. ✖ (I) Factor payments, (II) Depreciation, (III) Spending

Question Number : 94 Question Id : 630680162006 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

According to 2011-12 prices, the sector-wise descending order in contribution to Indian GDP is:

Options :

1. ✔ Service Sector > Industry > Allied and Agriculture

2. ✖ Industry > Service Sector > Allied and Agriculture

3. ✖ Service Sector > Allied and Agriculture > Industry

4. ✖ Industry > Allied and Agriculture > Service Sector

Question Number : 95 Question Id : 630680162007 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Net National Product (NNP) at factor cost is also known as:

Options :

1. ✔ National income

2. ✖ National product

3. ✖ Personal income

4. ✖ Personal product

Question Number : 96 Question Id : 630680162008 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The difference between the gross domestic private investment and the net domestic private investment is the:

Options :

1. ✖ difference between NDP and national income

2. ✔ depreciation

3. ✖ unsolicited inventory changes

4. ✖ addition to capital stock

Question Number : 97 Question Id : 630680162009 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Which one is NOT a method to calculate national income?

Options :

1. ✖ Product method

2. ✖ Income method

3. ✖ Expenditure method

4. ✔ Difference method

Question Number : 98 Question Id : 630680162010 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time :

N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

Depreciation equals to:

Options :

1. ✖ $1 + \dfrac{NNP}{GNP}$

2. ✔ $GNP - NNP$

3. ✖ $1 - \dfrac{NNP}{GNP}$

4. ✖ $\dfrac{NNP}{GNP}$

Question Number : 99 Question Id : 630680162011 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

The Net factor income from abroad (NFIA) includes:

(I) Net compensation of employees

(II) Net income from property and entrepreneurship

(III) Net retained earnings of resident companies abroad

Options :

1. ✖ Both (I) and (II)

2. ✖ Both (I) and (III)

3. ✗ Both (II) and (III)

4. ✓ All (I), (II), and (III)

Question Number : 100 Question Id : 630680162012 Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2 Wrong Marks : 0.5

From the table, the Gini coefficient equals to:

Fraction of income	0.03	0.12	0.85
Fraction of population	0.1	0.5	0.4
Fraction of richer pop	0.9	0.4	0

Options :

1. ✓ 0.447

2. ✗ 0.347

3. ✗ 0.247

4. ✗ 0.147