Sample Question Paper for Practice: MA/MSc (PS), 2020-21

Q1. Complete the following sentence:

A university in China _____ a medical robot that can conduct surgeries.

A. have developed

B. has developed

C. are developing

D. will developing

Answer: B (has developed)

Q2. Select the odd one out

A. Canteen

B. Dancer

C. Stage

D. Makeup

Answer: A (Canteen)

Q3. An increase from 5% to 8% in the interest rates charged by banks would most likely encourage

A. Businesses to invest

B. People to purchase housing

C. People to save money

D. would have no effect on investment or saving or purchasing

Answer: C (People to save money)

Q4. The term 'sociology' was coined by

A. Saint Simon

B. Herbert Spencer

C. Auguste Comte

D. Durkheim

Answer: C (Auguste Comte)

Q5. Upnishads are books on:

A. Politics

B. Philosophy

C. Medicine

D. Social life

Answer: B (Philosophy)

Q6. Ajmal Sultanpuri, who passed away recently, was a renowned poet of which language?
A. Hindi
B. Urdu
C. Marathi
D. Gujarati

Answer: B (Urdu)

Q7. The Chilka Lake Region is situated between the deltas of?
A. Mahanadi and Godavari
B. Godavari and Krishna
C. Ganga and Mahanadi
D. Krishna and Kaveri

Answer: A (Mahanadi and Godavari)

Q8. Visitors to a show were charged Rs. 20 each on the first day, Rs. 10 each on the second day and Rs. 5 each on the third day. The attendance on three days was in the ratio 5:9:18. The average charge per person for the whole show was
A. Rs. 8.75
B. Rs. 18.75
C. Rs. 31.75
D. Rs. 25.75

Answer: A (Rs. 8.75)

Q9. In an unpaired samples t-test with sample sizes $n_1 = 11$ and $n_2 = 11$, the value of tabulated *t* should be obtained for:
A. 10 degrees of freedom
B. 21 degrees of freedom
C. 22 degrees of freedom
D. 20 degrees of freedom

Answer: D (20 degrees of freedom)

Q10. Arrange the following most populous four countries in descending order:

1. China
2. India
3. United States of America
4. Indonesia

A. 1, 2, 3, 4
B. 2, 3, 4, 1
C. 3, 4, 1, 2
D. 4, 1, 2, 3

Answer: A (1, 2, 3, 4)

Q11. Reference date of 2021 census in most parts of the country will be
A. 1st March 2021
B. 1st July 2021
C. 15th April 2021
D. 15th June 2021

Answers: A (1st March 2021)

Q12. Which of the following would usually require the smallest sample size because of its efficiency?
A. One stage cluster sampling
B. Simple random sampling
C. Two stage cluster sampling
D. Quota sampling

Answer: B (Simple random sampling)