

**This is a mock test for the entrance exam for MS Development Studies:
Development, Technology and Policy.**

General instructions:

- **The test will be 120 minutes long.**
- **You are not allowed to use a calculator.**
- **Please bring your own stationery.**



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Section I

Quantitative Testing

Instructions: In this section you are required to answer all MCQs. Choose only one option for each question. No credit will be awarded for choosing multiple choices for a single question.. There is no negative marking.

1.

If $7^9 + 7^9 + 7^9 + 7^9 + 7^9 + 7^9 + 7^9 = 7^x$, then $x =$

- (A) 9
- (B) 10
- (C) 12
- (D) 63
- (E) 9^7

2.

John buys 5 books with an average price of \$12. If John then buys another book with a price of \$18, what is the average price of the 6 books?

- (A) \$12.50
- (B) \$13
- (C) \$13.50
- (D) \$14
- (E) \$15

3.

What is the average of x , $x - 6$, and $x + 12$?

- (A) x
- (B) $x + 2$
- (C) $x + 9$
- (D) $3x + 6$
- (E) It cannot be determined from the information given.

4.

If there are 20 birds and 6 dogs in a park, which of the following represents the ratio of dogs to birds in the park?

- (A) 3 : 13
- (B) 3 : 10
- (C) 10 : 3
- (D) 13 : 3
- (E) 1 : 26

5.

Andrew sells vintage clothing at a flea market at which he pays \$150 per day to rent a table plus \$10 per hour to his assistant. He sells an average of \$78 worth of clothes per hour. Assuming no other costs, which of the functions below best represents profit per day P in terms of hours h that the flea market table is open for business?

- (A) $P(h) = 238 - 10h$
- (B) $P(h) = 72 - 10h$
- (C) $P(h) = 68h - 150$
- (D) $P(h) = 78h - 160$
- (E) $P(h) = -160h + 78$

6. The Operating System Manages:

- A. Processes
- B. Memory
- C. Disks and I/O devices
- D. All of the above

7. What does HTTP stands for?

- A. Head Tail Transfer Protocol
- B. Hypertext Transfer Protocol
- C. Hypertext Transfer Plot
- D. Hypertext Transfer Plotter

8. Servers are computers that provide resources to other computers connected to a

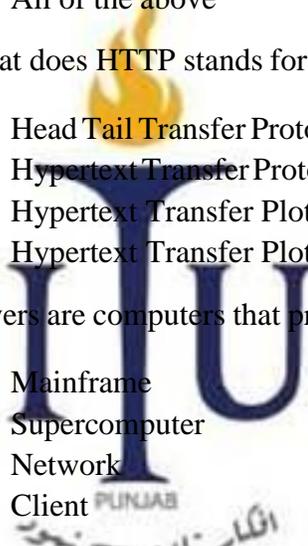
- A. Mainframe
- B. Supercomputer
- C. Network
- D. Client

9. Which of the following is NOT operating system?

- A. Android
- B. Java
- C. Dos
- D. Unix

10. Dot-matrix is a type of

- A. Tape
- B. Printer
- C. Disk
- D. Bus
- E. None of the above



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Section II

Economics and Development

Instructions: In this part of section II you are required to answer all MCQs. Choose only one option for each question. No credit will be awarded for choosing multiple choices for a single question. There is no negative marking.

1. Pakistan is failing to reach its full economic potential because of poor rail, road and electricity infrastructure. Its problem is not lack of government spending but a lack of skilled civil engineers.

Which factors of production need to be increased?

- A. capital and land
 - B. enterprise and labour
 - C. labour and capital
 - D. land and enterprise
2. What will happen to an industry's supply curve if new firms enter the industry?
 - A. It will shift to the left at any given price.
 - B. It will shift to the right at any given price.
 - C. There will be a downward movement along the supply curve.
 - D. There will be an upward movement along the supply curve.
 3. Which statement about a rise in the general price level in a country is correct?
 - A. It is likely to create economic winners and losers in the country.
 - B. It is unacceptable to modern governments.
 - C. It means that no goods have fallen in price.
 - D. It must make the average citizen poorer
 4. Two industries in a country are fishing and tourism. The international exchange rate of the country's currency fell in 2010.

If there were no other changes, how was the country affected?

 - A. Local people bought more imported goods because they were cheaper.
 - B. The price of fish sold in foreign markets became cheaper.

- C. The volume of exports decreased.
- D. Tourists to the country were discouraged by higher prices.
5. The average consumer divides his expenditure between food, accommodation and clothing in the ratio 5: 3: 2.
 During the course of a year, the price of food rises by 10 %, the price of accommodation remains constant and the price of clothing falls by 5 %.
 What is the increase in the Consumer Price Index over the year?
- A. 2.5 %
- B. 4 %
- C. 5 %
- D. 6 %
6. Which statement about inflation is correct?
- A. Cost-push inflation is likely to occur when the government increases its expenditure.
- B. Demand-pull inflation is likely to occur when the country's exchange rate appreciates.
- C. An increase in the money supply can cause inflation.
- D. When inflation is unanticipated real values remain unchanged.
7. When is a deficit on the current account of the balance of payments likely to worsen?
- A. when the government adopts a deflationary macroeconomic policy
- B. when the government devalues the currency
- C. when the prices of imported products that are essentials or demand-inelastic increase significantly
- D. when tariffs are placed on imported products that are non-essentials or demand-elastic
8. The table shows the number of Jamaican dollars which exchanged for one unit of other currencies in June and July 2001.

	Jamaican \$ June 2001	Jamaican \$ July 2001
US\$	45.78	45.77

UK£	63.86	64.37
Guyana \$	0.25	0.25
Barbados \$	23.19	23.12

What might be concluded from the table?

- A. There was an increased demand for US\$ by Jamaicans.
- B. There was an increased supply of UK£ to Jamaicans.
- C. There was a reduced supply of Guyana \$ to Jamaicans.
- D. There was a reduced demand for Barbados \$ by Jamaicans.

9. In a command economy, what is the basis for determining the allocation of factors of production?

- A. the pattern of consumer's spending
- B. the perceived needs of the country
- C. the revenue from taxes
- D. the size of public sector companies

10. In 2008 the demand curve for new cars in the European Union decreased. Which change could have caused such a shift?

- A. an increase in real disposable income.
- B. an increase in the cost of borrowing
- C. an increase in the price of new cars
- D. an increase in the price of train travel

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Section III

Current Affairs

Instructions: This section will test your knowledge about current affairs, nationally and internationally. In this section you are required to answer all MCQs. Choose only one option for each question. No credit will be awarded for choosing multiple choices for a single question. There is no negative marking.

1. Where was the 7th meeting of SAARC Immigration Authorities on August 2nd 2016 held?
 - a. Kabul, Afghanistan
 - b. Beijing, China
 - c. Islamabad, Pakistan
 - d. New Delhi, India
2. Who is the current Chief Minister of Gilgit-Baltistan?
 - a. Mr. Muhammad Jaffar
 - b. Syed Mehdi Shah
 - c. Hafiz Hafeez-ur-Rehman
 - d. Mr. Muhammad Ali Akhtar
3. The present president of United States, Barack Obama, belongs to
 - a. Democratic Party
 - b. Republican Party
 - c. Libertarian Party
 - d. Green Party
4. Which of the following countries does NOT have veto-power in the UN Security Council?
 - a. United States
 - b. United Kingdom
 - c. Canada
 - d. France
5. The North-South gas pipeline will transport LNG from
 - a. Karachi to Lahore
 - b. Lahore to Karachi
 - c. Gwadar to Karachi
 - d. Gwadar to Sukkur
6. After Islamabad and Muzaffarabad, Prime Minister Nawaz Sharif on 2nd May 2016 launched the National Health Program in
 - a. Quetta
 - b. Lahore
 - c. Peshawar
 - d. Multan

7. Who is the current Attorney General of Pakistan?
 - a. Ashtar Ausaf
 - b. Salman Aslam Butt
 - c. Munir A. Malik
 - d. Justice (R) Maulvi Anwar-ul-Haq
8. Who is the current National Security Advisor of Pakistan?
 - a. Imtiaz Ahmed Shaikh
 - b. Capt. Shujaat Azim
 - c. Lt. Gen. (R) Naseer Khan Janjua
 - d. Lt. Gen. (R) Abdul Qadir Baloch
9. Currently, there are _____ member states of the [United Nations](#).
 - a. 190
 - b. 193
 - c. 196
 - d. 197
10. In Rio Olympics 2016 which country finished at the top of the table with gold medals?
 - a. United States
 - b. China
 - c. Great Britain
 - d. Russia



Section IV

Verbal Testing

Comprehension

Instructions: Questions 1-3 below are based on the following passage. In this section you are required to answer all MCQs. Choose only one option for each question. No credit will be awarded for choosing multiple choices for a single question. There is no negative marking.

Our demand for electricity is climbing so fast that over the next decade our generating capacity must increase by a third. Fossil fuels supply nearly three-quarters of this energy. But the smoke expelling coal, gas, and oil-fired plants are also responsible for half of our air pollution. That might be considered as a small price to pay for progress. But there's an alternative, one that produces no smoke and can actually create more fuel than it consumes. In many regions it's even cheaper than coal-fired electricity: nuclear power. It may directly bring danger of radioactivity to the mind, but if other types of power didn't present equal and even worse problems, it would make no sense to consider nuclear power at all. But they do.

1. Although $\frac{3}{4}$ of the electricity is generated from fossil fuels
 - A. We should consider the potential dangers of nuclear power
 - B. Everything has got an expense; and nuclear power's is its radioactivity
 - C. It may contribute to global warming
 - D. Half of the air pollution is caused by the plants using them

2. It is claimed in the passage that nuclear power
 - A. Supplies three-quarters of the country's energy demand
 - B. Is less dangerous and cheaper than other types of power
 - C. Is a potential danger because it is radioactive
 - D. Will present us a more polluted environment

3. In the passage, the writer is worried that in the future
 - A. Fossil based plants might bring bigger problems than nuclear energy
 - B. There is not a better alternative than fossils
 - C. Nuclear waste might be more dangerous than air pollution
 - D. They will have to build nuclear power stations