UNIVERSITAS INDONESIA

Veritas, Probitas, Justitia

SOCIAL SCIENCES TEST

- Basic Mathematics
- Economics
- Indonesian and World History
- Geography
- Integrated Social Sciences

SIMAK UI

ENTRANCE TEST
UNIVERSITAS INDONESIA
2014

GENERAL INSTRUCTIONS

1. Before you begin work on the test, check the number of questions and the page numbers in the test booklet.
   The booklet consists of a front page, a general instructions page, an answer sheet, and 12 question pages.

2. The answer sheet attached to this booklet can only be used for this test booklet. If you need a new answer sheet, you should use the test booklet which the answer sheet was attached.

3. You have to take the answer sheet from the test booklet. If the top left of the answer sheet is damaged or torn, the answer sheet still can be processed.

4. Write your student test number on the space provided in the answer sheet.

5. Read carefully each and every instruction on how to answer the questions.

6. Think carefully before answering every question, because an incorrect answer will deduct 1 point from your total score (scoring system: correct +4, blank 0, incorrect −1).

7. Work on questions you find easy first, then continue with harder questions.

8. Write your answers on the answer sheet provided.

9. Since scrap paper is not provided, you can make use of the empty space in your test booklet to do calculations. **Do not use the empty space on your answer sheet**.

10. During the test, you are not allowed to ask or seek explanation about the questions being tested to anyone including the test supervisor.

11. When you have finished doing the test, you are required to stay in your seat until the test supervisor approaches you to collect the answer sheet.

12. Make sure the answer sheet is not dirty, wet, folded, and torn.

SPECIFIC INSTRUCTIONS

INSTRUCTION A:
Choose the best answer.

INSTRUCTION B:
Each question consists of 3 parts, i.e. STATEMENT, CAUSE, and REASON that are arranged in sequence.
Choose:
   (A) If the statement is correct, the reason is correct, and both show a cause and effect relationship.
   (B) If the statement is correct, the reason is correct, but both do not show a cause and effect relationship.
   (C) If the statement is correct and the reason is incorrect.
   (D) If the statement is incorrect and the reason is correct.
   (E) If the statement and the reason are both incorrect.

INSTRUCTION C:
Choose:
   (A) If (1), (2), and (3) are correct.
   (B) If (1) and (3) are correct.
   (C) If (2) and (4) are correct.
   (D) If only (4) is correct.
   (E) If all of them are correct.

Answer Sheet
University of Indonesia's Entrance Test
(SIMAK UI)

D3 S1

Testee's Name

Testee's Number

Hereby I declare that the data provided in this form are correct. I agree that if I violate the above statement, this answer sheet will not be processed.

Answer Sheet's Number

	1	8								

Date of Birth

Signature

First   Second

This answer sheet can only be used with its paired test book. Use 2B pencil to answer the questions and use a pen when you write your signature.

01	A B C D E	21	A B C D E	41	A B C D E	61	A B C D E	81	A B C D E
02		22		42		62		82	
03		23		43		63		83	
04		24		44		64		84	
05		25		45		65		85	
06		26		46		66		86	
07		27		47		67		87	
08		28		48		68		88	
09		29		49		69		89	
10		30		50		70		90	
11		31		51		71		91	
12		32		52		72		92	
13		33		53		73		93	
14		34		54		74		94	
15		35		55		75		95	
16		36		56		76		96	
17		37		57		77		97	
18		38		58		78		98	
19		39		59		79		99	
20	A B C D E	40	A B C D E	60	A B C D E	80	A B C D E	100	A B C D E

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V(D3) S1R S1P Pro Sp. S2 S3

S2 S3

iii

BASIC MATHEMATICS

*Use **Instruction A** to answer questions number 1 to 18.*

1. Let $z = 1 + \sqrt[5]{3} + \sqrt[5]{9} + \sqrt[5]{27} + \sqrt[5]{81}$, the value of $\left(1 + \dfrac{2}{z}\right)^{25} = \dots$.

   (A) 27

   (B) 81

   (C) 243

   (D) 729

   (E) 2187

2. If $x = (2014)^3 - (2012)^3$ then the value of $\sqrt{\dfrac{x-2}{6}} = \dots$.

   (A) 2012

   (B) 2013

   (C) 2014

   (D) 2015

   (E) 2016

3. Let a and b are two integers. Suppose $\sqrt{21 - 8\sqrt{5}}$ is a root of equations $x^2 + ax + b = 0$, the value of $b - a = \dots$.

   (A) $-4\sqrt{5}$

   (B) -3

   (C) 3

   (D) 11

   (E) 19

4. Given that $\dfrac{x^2 + 1}{x} + \dfrac{x}{x^2 + 1} = \dfrac{29}{10}$, the value of $x - \dfrac{1}{x} = \dots$.

   (A) $\dfrac{2}{5}$

   (B) $\dfrac{2}{3}$

   (C) $\dfrac{3}{2}$

   (D) 2

   (E) $\dfrac{5}{2}$

5. Suppose that a, b, c are distinct numbers such that $(b - a)^2 - 4(b - c)(c - a) = 0$. The value of $\dfrac{b - c}{c - a} = \dots$.

   (A) 1

   (B) 2

   (C) 3

   (D) 4

   (E) 5

6. When the system $4x - 5y < 6$ and $8x + 5y = 21$ is solved, the solution (x, y) have the form $\left(\dfrac{9 - a}{4}, \dfrac{3 + b}{5}\right)$. The ratio of $a : b$ is $\dots$.

   (A) $1 : 2$

   (B) $1 : 3$

   (C) $2 : 3$

   (D) $3 : 5$

   (E) $4 : 5$

7. Let $x, y,$ and z be nonnegative numbers. Suppose $x + y = 10$ and $y + z = 8$. Let $s = x + z$, the sum of the maximum and the minimum value of s is ... .

(A) 16

(B) 18

(C) 20

(D) 24

(E) 26

8. The set of positive real values of x that satisfy
$$\frac{1}{x + \sqrt{x}} + \frac{1}{x - \sqrt{x}} \leq 1 \text{ is ... .}$$

(A) $\{x | 0 < x < 1 \text{ or } x \geq 3\}$

(B) $\{x | 0 < x \leq 1 \text{ or } x > 3\}$

(C) $\{x | x \leq 3, x \neq 0, x \neq 1\}$

(D) $\{x | 0 < x \leq 3\}$

(E) $\{x | x \geq 3\}$

9. Let k be a real number. The maximum value of k such that the following inequality holds
$$\sqrt{x - 3} + \sqrt{4 - x} \geq k \text{ is ... .}$$

(A) $\sqrt{2}$

(B) $\sqrt{3}$

(C) 2

(D) 3

(E) $\sqrt{10}$

10. Given that $a_{n+1} = \dfrac{a_{n-1}}{1 + n a_{n-1} a_n}$, where $n = 1, 2, 3, ...$ and $a_0 = a_1 = 1$. The value of $\dfrac{1}{a_{99} a_{100}}$ is ... .

(A) 4,950

(B) 4,951

(C) 9,900

(D) 9,901

(E) 10,000

11. Suppose A $= \begin{bmatrix} 1 & 3 \\ 2 & 5 \end{bmatrix}$. For $k > 0$,
$(k\text{A})^{-1} = -\dfrac{1}{25} \begin{bmatrix} a & -3k \\ -2k & b \end{bmatrix}$. The value of $a + b =$ ... .

(A) $6k$

(B) 5

(C) 6

(D) 30

(E) $20k$

12. Suppose A and B are two angles such that $\sin A + \sin B = 1$ and $\cos A + \cos B = 0$. The value of $8 \cos 2A + 6 \cos 2B = ...$.

(A) 6

(B) 7

(C) 8

(D) 9

(E) 10

13. If $\dfrac{\cos 80°}{1 - 4 \sin 20° \cos 20° \cos 40°} = \tan x$, then $x = ...$.

(A) $45°$

(B) $60°$

(C) $85°$

(D) $95°$

(E) $105°$

14. Four students are about take a test containing 100 questions of equal difficulty. The first student will answer 80 questions correctly, the second will answer 60 correctly and the others will answer 50 and 20 correctly, respectively. If the probability that at least one student will correctly answer the first question is $\dfrac{p}{q}$ in lowest term then the value of $p + q = ...$.

(A) 121

(B) 125

(C) 126

(D) 129

(E) 246

15. The arithmetic mean of two positive numbers exceeds their geometric mean by 50. By how much does the square root of the larger of the two numbers exceed the square root of the smaller?

    (A) 10

    (B) 30

    (C) 50

    (D) 70

    (E) 100

16. For all real numbers x and y, the function f satisfies $f(xy) = f(x)f(y)$ and $f(0) \neq 0$. The value of $f(2014) =$
    ... .

    (A) 0

    (B) 1

    (C) 2

    (D) 1007

    (E) 2014

17. Suppose f and g are functions defined by
    $f(x) = x - 3$ and $g(x) = x$,respectively. The sum of all $x > 0$ for which $5^{g(x)^5 \log f(x)} = f(x)$ is ... .

    (A) 0

    (B) 1

    (C) 3

    (D) 4

    (E) 5

18. The values of y which satisfy the equations
    $$\begin{cases} 2x^2 + 6x + 5y + 1 & = 0 \\ 2x + y + 3 & = 0, \end{cases}$$
    may be found by solving ... .

    (A) $p^2 - 4p - 14 = 0$

    (B) $p^2 + 8p + 1 = 0$

    (C) $p^2 + 10p - 7 = 0$

    (D) $p^2 + p - 12 = 0$

    (E) can not be founded

*Use **Instruction C** to answer questions number 19 to 20.*

19. If x, y satisfy the following system
    $$\begin{cases} 5^{y^2 - 2xy} & = 1 \\ 2^2 \log y & = 2^2 \log(x + 3) \end{cases},$$
    then $x + y = ...$.

    (1) $-4\dfrac{1}{2}$

    (2) $-2\dfrac{1}{4}$

    (3) 2

    (4) 3

20. The second term of a three-term geometric progression of real numbers, where the sum of whose term is sixteen times the sum of their reciprocal, is ... .

    (1) –2

    (2) –4

    (3) 2

    (4) 4

ECONOMICS

*Use **Instruction A** to answer questions number 21 to 29.*

21. The following statements are the characteristics of a perfect competition market, EXCEPT ... .
    (A) In the long run a firm neither obtains super normal profit nor experience loss
    (B) A firm faces horizontal demand curve
    (C) A firm obtains normal profit at a point of tangency between average cost curve and demand curve
    (D) There is always a free entry and free exit
    (E) A firm obtains maximum profit at a minimum average cost

22. The demand curve for beef won't be shifted upward by ... .
    (A) an increase of chicken price
    (B) an increase of preference for beef
    (C) an increase of consumer's income
    (D) a decrease of beef price
    (E) expectation of an increase of beef price

23. "D'Cling Car Wash" has a contract with a taxi company to clean their vehicles. At the beginning of each month "D'Cling" bills the taxi company for all taxis washed the previous month. An adjusting entry is needed at the end of each month because ... .
    (A) D'Cling needs to defer this expense
    (B) D'Cling needs to defer this revenue
    (C) D'Cling needs to accrue this expense
    (D) D'Cling needs to accrue this revenue
    (E) D'Cling will overstate their assets without the adjustment

24. A balance sheet that places the assets above the liabilities and equity is called a(n) ... .
    (A) report form balance sheet.
    (B) account form balance sheet.
    (C) classified balance sheet.
    (D) unadjusted balance sheet.
    (E) unclassified balance sheet.

25. Contractionary monetary policy is conducted by central bank through ... .
    (A) increasing reserve requirement
    (B) decreasing discount rate
    (C) increasing tax
    (D) buying SBI
    (E) closing down private banks

26. When marginal cost is greater than average variable cost, the following statements are correct, EXCEPT ... .
    (A) the average variable cost increases
    (B) average fixed cost decreases
    (C) average cost increases
    (D) marginal cost increases
    (E) variable cost increases

27. According to Schumpeter, the main factor that affects economic growth is ... .
    (A) investment
    (B) saving
    (C) entrepreneurship
    (D) marginal propensity to consume
    (E) population

28. To what extent does GDP differ from GNP?
    (A) Inflation
    (B) Income earned from abroad
    (C) Depreciation
    (D) Change in exchange rate
    (E) Value add of production

29. The consumption function for an economy is $C = 300 + 0.75Y$. If the government increases G and T with the same amount, 250; how much would Y change?
    (A) zero
    (B) an increase of 250
    (C) an increase of 300
    (D) an increase of 1,000
    (E) an increase of 1,250

30. Since rupiah depreciates from Rp10,500 per USD to Rp11,600 within eight months, the Indonesia trade balance becomes surplus.

    BECAUSE

    If trade balance is surplus then balance of payment is also surplus.

31. At maximum total product, the marginal product equals to zero.

    BECAUSE

    Marginal product always diminishes as output increases.

32. Expansionary fiscal policy is aimed to control inflation, in the form of increasing tax.

    BECAUSE

    Tax increase, *ceteris paribus*, will decrease aggregate demand so that inflation decreases.

33. Monopolist always reaches super normal profit (never reaches loss) in the short run.

    BECAUSE

    Monopolist chooses output at maximum total revenue in order to reach maximum profit.

34. If the producers increase car price, *ceteris paribus*, the producers' revenue will increase.

    BECAUSE

    Car demand has demand elasticity greater than one.

*Use **Instruction C** to answer questions number 35 .*

35. The following statements are closely related to indifference curves.

    (1) Indifference curves further from the origin show higher utility.
    (2) The vertical and horizontal axes show price and quantity respectively.
    (3) The curve is convex to origin.
    (4) Curves in the indifference map can intersect each other.

INDONESIAN AND WORLD HISTORY

*Use **Instruction A** to answer questions number 36 to 39.*

36. Kyoto Summits, which was held in 1997, was a continuation of the program of Rio Summit in 1992. Both Summits discussed the following issues ... .
    - (A) safety
    - (B) health
    - (C) environment
    - (D) labour
    - (E) peace

37. Phoenicians built trade cities along the north east cost of Mediterranean sea on 1000–500 BC. This area is now known as ... .
    - (A) Syria
    - (B) Lebanon
    - (C) United Arab Emirates
    - (D) Sudan
    - (E) Qatar

38. The first general election which was held in Indonesia in 1955 gave birth to new political forces in Indonesia, which were ... .
    - (A) the Islamic party
    - (B) the Socialist party
    - (C) the Nationalist party
    - (D) the Indonesia Communist party
    - (E) the Labor party

39. One evidence that shows the influence of the Hyksos nation on the Egyptian culture can clearly be seen on ... .
    - (A) agriculture
    - (B) weapons
    - (C) transportation
    - (D) praying place
    - (E) communication

*Use **Instruction B** to answer questions number 40 to 42.*

40. With the end of military operation to eradicate the G 30 S rebellion by the Indonesian Communist Party in 1965, the political issue in Indonesia was also resolved.

    BECAUSE

    After the G 30 S rebellion by the Indonesian Communist Party, the students movements in Jakarta formed organizations which were sponsored by the government through the Ministry of Higher Education and Knowledge.

41. The result of the Dutch-Indonesia Round Table Conference that was agreed on November 2, 1949 was opposed in both respective countries.

    BECAUSE

    The result of the conference postponed the negotiation regarding the West Irian and debt issues.

42. The name "China" originated from the first Chinese emperor who was successful in uniting China under one kingdom.

    BECAUSE

    Before 221 AD, China had been plagued with wars, and Emperor Qin managed to unite the Chinese territory under one kingdom with him as the first Chinese Emperor.

*Use **Instruction C** to answer questions number 43 to 50.*

43. Falkland war in 1982 involved countries from different continents. They are ... .
    - (1) the United Kingdom
    - (2) America
    - (3) Argentina
    - (4) Guantanamo

44. The European Union which was established in 1993 was initiated from the European Economic Community which was founded in 1973 by several countries:

   (1) France
   (2) West Germany
   (3) Belgium
   (4) England

45. Indus valley, which is located in Pakistan, is famous for its fertility. This condition caused the emergence of living areas on the river bank, which then became a city. Which of the following places is the center of the development of Indus valley civilization?

   (1) Mohenjo Daro
   (2) Lothal
   (3) Harappa
   (4) Kasit

46. During the reign of Nebuchadnezzar II that lasted for 40 years, he built Babylon, expanded its territory, and built its cities. One of the remnants of the region of Nebuchadnezzar II is ... .

   (1) King's Palace
   (2) Babylonian Gods' Temples
   (3) Silk Road
   (4) Hanging Garden

47. The Indonesian government, in resolving the West Irian conflict, which couldn't be resolved through diplomatic efforts, finally decided to launch military efforts supported with the formulation of Trikora (The People's Triple Command) which were ... .

   (1) to defeat the formation of a Papua independent state
   (2) to raise the Indonesia flag in Irian
   (3) to be ready of mobilization
   (4) to strengthen the armory

48. Egypt was the first civilization in Africa, the area of which developed along the Nile. The characteristics of this civilization are ... .

   (1) development of giant tombs
   (2) hieroglyph script evolution
   (3) bronze technology
   (4) development of worship buildings

49. The region(s) where the first human community was established is (are) ... .

   (1) Sumeria
   (2) Euphrates
   (3) Nile valley
   (4) Tigris

50. The policy of the Indonesian government in resolving the domestic issues in the 1960s was considered by the Indonesian people to be not in line with the people's aspiration. With the initiative of KAMI, demonstrations were held to voice the Tritura (Three Demands of the People) which were ... .

   (1) the disbandment of PKI
   (2) the dismissal of the President
   (3) the decrease of prices
   (4) the disbandment of the parliament

GEOGRAPHY

*Use **Instruction A** to answer questions number 51 to 55.*

51. The regulations of the Bonded Zone, which differs from that of Industrial Estate, are for ... .
    (A) creating concentrated infrastructure in a limited area to reduce cost
    (B) attracting new businesses by providing integrated infrastructure within one place
    (C) relocating industries to places far from urban areas are thus reducing the environmental and social impact of the industries
    (D) providing local environment control especially designed for the industrial estate
    (E) charging zero tax and customs for both imported and exported products

52. Countries with the highest CO_2 emission from *fossil fuels* are ... .
    (A) China, the US, India, Russia, Japan.
    (B) Germany, the US, India, Italy, Indonesia, England.
    (C) Iran, South Korea, China, the US, India, Indonesia.
    (D) Iran, Canada, China, the US, Japan, Spain.
    (E) Germany, Iran, Italy, the US, Japan, China.

53. Factors which may reduce urbanization in relation to the interaction of urban and rural areas include–among other–the availability of the following in urban areas
    ... .
    (A) financial services
    (B) health care services
    (C) non-agricultural job opportunities
    (D) public transportation facilities
    (E) education facilities

54. Element of the sector of mining which cannot be put as a dot in the map is ... .
    (A) exploration
    (B) survey
    (C) heavy equipment
    (D) transportation
    (E) infrastructure supporting mining industry

55. Geographic Information System Technology cannot be used for ... .
    (A) scientific investigation
    (B) development planning
    (C) travel plan
    (D) measuring the water flow of the river
    (E) quickly calculating emergency response thing in the event of a natural disaster

*Use **Instruction B** to answer questions number 56 to 60.*

56. The territory of the Republic of Indonesia according to the Exclusive Economic zone is up to 24 miles.

    BECAUSE

    The Republic of Indonesia obtained a 12 mile addition as contiguous zone to its sea territory.

57. Haiyan cyclon hitting the Philippines did not hit Indonesia.

    BECAUSE

    Haiyan cyclon is not a tropical cyclone phenomenon.

58. Nusa Tenggara archipelago is one of Indonesia's rice-producing region.

    BECAUSE

    Nusa Tenggara archipelago is influenced by the Eastern Wind from Australia which produces a lot of rains when passing through the archipelago.

59. The topography of Indonesia shows the presence of eternal snow layers.

    BECAUSE

    The highest contour in Papua reaches more than 4000 meters above sea level.

60. When it is winter in Australia, it is dry season in Indonesia.

    BECAUSE

    In Australia, Christmas is not celebrated in winter.

61. The spreading establishment of palm plantations in Indonesia has the potentials to:

    (1) save electric energy

    (2) produce renewable source of energy

    (3) increase the use of solar energy

    (4) reduce the consumption of fossil fuels

62. Geographical characteristics which distinguish Kalimantan from Sumatera and Java island are:

    (1) Kalimantan is not volcanic

    (2) The rivers in Kalimantan are wide

    (3) Kalimantan is free from earthquakes

    (4) There is no urban atmosphere in the hinterland

63. Marine transportation in the East Indonesia faces more barriers than in West Indonesia. This is due to:

    (1) The depth of the ocean waters

    (2) Facilities of the ports

    (3) Big waves

    (4) The spread of island

64. The beaches in the east coast of Sumatera do not develop into Beach Resorts because:

    (1) The beaches are stream sediment

    (2) The coastal land is dominated by swamps

    (3) There are no Atol islands

    (4) The prices of the land have been increasing

65. In Australia, beef cattle breedings are generally located in central Australia, which is different from dairy farms. The regions suitable for dairy farms in Australia are in ... .

    (1) western south-east region

    (2) region with warm temperature

    (3) the south-west region

    (4) region with sufficient rainfall

The sixth hottest year since climate recorded started in 1850 was 2013. The earth climate system has experienced global warming which will affect the next generation. According to the World Meteorology Organization (WMO), the temperature in 2013 was similar to that in 2007 with land and sea surface 0.5 degree Celsius above the average temperature of that in 1961–1990.

According to WMO, 13 out of 14 hottest years recorded happened in the 21 century. The hottest years were 2005 and 2010, where the temperature reach 0.55 degree Celsius above the long term average temperature. The warming rate varied in each country. Last years, for example, was the hottest years recorded in Australia, while in the US the hottest years recorded was in 2012.

Meanwhile, due to the severe draught that influenced the harvest, the price of Brazilian coffee its highest level for several month. The price of good quality Arabic coffee–which accounts for three-fourths of total Brazilian coffee products, increased to 137.95 cents per pound (0.45 kg) in New York, US. The increase reached 23% within a week and an increase of 36% after a seven-year of the lowest price in November when the price of coffee was 100.95 cents. The price increases was triggered by the hot draught in Brazil, where some areas had the lowest rainfall since the 1940s.

*Use **Instruction A** to answer questions number 66 to 67.*

66. Suppose that the land and ocean surface temperature in 2005–2020 had a 5-year periodical cycle, and the average long-term temperature were 20 degree Celsius, the land and ocean surface temperature in 2017 would be ... .

    (A) 20 degree Celsius

    (B) 20.5 degree Celsius

    (C) 20.55 degree Celsius

    (D) 21 degree Celsius

    (E) 21.05 degree Celsius

67. The price of Brazilian coffee per kg a week before was ... .

    (A) 101.40 cents

    (B) 112.15 cents

    (C) 224.30 cents

    (D) 225.11 cents

    (E) 249.00 cents

*Use **Instruction B** to answer questions number 68 to 69.*

68. The first expedition to an Oceanian country stated in the text was conducted by James Cook.

    BECAUSE

    Credit to James Cook, the British could establish a colony in the region.

69. If the price of sugar increases, the demand of commodity stated in the last paragraph will increase.

    BECAUSE

    The commodity is complementary product of sugar.

*Use **Instruction C** to answer questions number 70 .*

70. In addition to the biggest coffee producing country in the text, other biggest coffee producing country in Southeast Asia now is/are ... .

    (1) Burma

    (2) Vietnam

    (3) Thailand

    (4) Indonesia

The Japanese government stated that one important element for the domestic economic development is by giving more opportunities for foreign workers to work in the country. Foreign investors are still attracted to invest in Japan. These foreign investors would like to see how Japan is going to solve the problem of its aging workforce.

Since Japan is opening its doors for foreign workers, the Japanese Prime Minister is making changes on its policy. These changes in the policy will allow gradually greater number of foreign workers with low to medium technical skills to work in Japan.

The first step is by allowing more foreign workers in the construction sector. In 1997, it was recorded that the number of domestic workers with construction skills decreased by 1 million workers from 4.5 million. Japan needs a great number of workers with building construction skills for the reconstruction of Tohoku areas which was damaged by the great earthquake in 2011. Construction workers are also required for the preparation of the Tokyo Olympic to be conducted in 2020. It is estimated that around 40 to 50 thousand foreign workers are needed.

Other industry needing a large number of foreign workers is nursing. Currently, Japan has an economic partnership agreement with Indonesia and the Philippines where Japan is to receive 1000 nurses to be trained.

*Use **Instruction A** to answer questions number 71 .*

71. Suppose that the number of domestic workers who had construction skill decreased annually during the period of 1996–2000, and if this data had a median of 3 million, a range of 3 million, and a mean of 2.9 million, the first quartile value of data would be ... million.

    (A) 3.50

    (B) 3.00

    (C) 2.00

    (D) 1.75

    (E) 1.50

*Use **Instruction B** to answer questions number 72 to 74.*

72. As stated in the passage, in the partnership which involves 1000 nurses, Japan is a foreland for Indonesia.

    BECAUSE

    As stated in the passage, in the partnership which involves 1000 nurses, the Philippines is a hinterland for Japan.

73. Local climate factor plays an important role in solving the number of workforce which is the concern of investor as stated in the last sentence in the first paragraph.

    BECAUSE

    The Ainu tribe is spread in Southern Japan.

74. The country mentioned in the first paragraph of the above passage changed its political view from a closed political view to an open one.

    BECAUSE

    In the 19th century, this country became an industrialized country which need natural resources from other countries.

*Use **Instruction C** to answer questions number 75 .*

75. The output of Indonesian labour that work in the economy as stated in the passage is recorded in ....

    (1) Indonesian GNP

    (2) Indonesian Current Account

    (3) Japanese GDP

    (4) Japanese Current Account

The net profit of PT Garuda Indonesia Tbk (GIAA) during 2013 dropped by 90 percent to USD11.03 million from the same period of the previous year of USD110.59 million. GIAA's operating revenues increased slightly from USD3.47 billion to USD3.71 billion, while its operating expenses and foreign exchange losses soared.

GIAA's operating expenses increased from USD3.29 billion to USD3.7 billion. At the same time, foreign exchange losses was recorded to reach USD47.94 million, an increase of more than five times from 2012. Other expenses which contributed to the decrease of the profit was the foreign exchange losses which accounted for USD26.86 million while at the end of 2012 it USD3.84 million.

The President Director of GIAA said that Garuda's performance last year was greatly influenced by the weakening value of Rupiah agains US Dollar and the high prices of fuels. Furthermore, the company also invested quite a large amount of money for buying planes to add to its fleet to improve its operations. It has, among others, established Citilink, a low cost carrier which operates independently.

*Use **Instruction A** to answer questions number 76 to 77.*

76. The depreciation of rupiah as stated in the last paragraph causes ....
    (A) Indonesian import increases and the current account become deficit
    (B) Indonesia import increases and the current account will not certainly be deficit
    (C) US import from Indonesia increase and Indonesia current account will certainly be surplus
    (D) US import from Indonesia increases and Indonesia current account will not certainly be surplus
    (E) Both Indonesia export and import decrease and they have ambiguous impact to the current account.

77. Suppose that the exchange of Rupiah during 2013 had been stable so that there had been no losses due to differences in the exchange rate, the net profit of GIAA in the 2013-compares to the same period of the previous year-would have dropped by ....
    (A) 14.29%
    (B) 20.11%
    (C) 22.41%
    (D) 24.05%
    (E) 29.89%

*Use **Instruction B** to answer questions number 78 to 80.*

78. The above passage does not contain any information about geography.

    BECAUSE

    Information about LCC carries the meaning of the function of distance and the accessibility.

79. The first international flight by this airline used the name Indonesia Airway's.

    BECAUSE

    It was Bung Karno who later named the airline Garuda Indonesia based on the lyrics of Ik ben Garuda.

80. The firm mentioned in the passage will reach maximum profit at a point when the marginal revenue equals to marginal cost.

    BECAUSE

    Marginal revenue is incremental revenue associated with one unit extra output and marginal cost is incremental cost associated with one unit extra output.