Lahore University of Management Sciences (LUMS)

Written Test for Selection of Community Welfare Attaches
Ministry of Overseas Pakistanis & HRD, Government of Pakistan, Islamabad

SAMPLE PAPER

Question Paper and Answer Book

Name: ____________________________ Date of Birth: ____________________________

Identity Card/Passport No. ____________________________________________

Signature: ____________________________

General Instructions to Candidates

- Do not open this exam until told to do so.
- Read all questions carefully before answering them.
- This exam consists of four sections.
- Each section of the exam has a time limit of 30 minutes, which may not be exceeded.
- Please wait for the announcement before switching to the next section.
- You are allowed to use calculator.
- You may use ballpoint or pen to answer questions.
- You must switch-off your mobile phones in the examination hall. Failure to do so may lead to cancellation of the exam.
- Marks scheme:
  - Labor Force, Employment & Out-Migration of Workers – 1 (35%)
  - Labor Force, Employment & Out-Migration of Workers – 2 (35%)
  - Data Response and Analytical Skills (15%)
  - IT Skills (15%)
Section 1

Labor Force, Employment & Out-Migration of Workers - 1

Instructions to Candidates:

- Answer ALL questions in this section, which carry equal marks.
- Think through your answers carefully before writing.
- Short clear answers will receive more credit than long convoluted answers.
- You have 30 minutes to answer questions in this section.
Question 1:
Demographic dividends provide a huge window of opportunity in Asia. In 2010, nearly 4.2 billion people lived in Asia, out of these 1.7 billion lived in South Asia.

a) What do you understand by the term demographic dividends?
b) How demographic dividends compare between East Asia and South Asia?
c) Do we have potential of demographic dividends in Pakistan? Why or why not?
d) What economic and social policies can help Pakistan capitalize on demographic dividends?
Question 2:
Write short notes on the following:

a) In a GATS framework under the definition of trade in services, what is meant by “supply through the presence of natural persons”? Describe in words.

b) What is the level of mode 4 commitments by Australia, Canada and the EU for opportunities for foreign professionals? What are the challenges for the movement of foreign professionals under mode 4 in these countries?
Section 2

Labor Force, Employment & Out-Migration of Workers - 2

Instructions to Candidates:

- Answer ALL questions in this section, which carry equal marks.
- Think through your answers carefully before writing.
- Short clear answers will receive more credit than long convoluted answers.
- You have 30 minutes to answer questions in this section.
Question 1:
To stem the flow of migrants in the EU migrant crisis, Austria, Denmark, France, Germany, Norway and Sweden have temporarily reintroduced border controls, which were abolished after the Schengen agreement between 26 European countries in 1996. Discuss the implications of a permanent reintroduction of border controls on:

a) Employment and job opportunities within EU;
b) Trade in goods in the EU;
c) Impact on productivity of labor.
Question 2:

It is sometimes argued that remittances may have a negative impact on GDP growth because they reduce labor force participation and work effort, which lowers output. Since 1970s, Pakistan has received more than US$130 billion of workers remittances. What is the impact (both positive and negative) of workers' remittances on Pakistan's economy? Discuss.
Section 3

Data Response and Analytical Skills

Instructions to Candidates:

You have 30 minutes to answer questions in this section.
Question 1:

Table 1 presents the population in various poverty bands such as extremely poor, vulnerable and non-poor, etc. Write a paragraph or two explaining the story behind these numbers for those readers who may not want to see the Table. In particular, highlight the changes witnessed for the percentage of population classified in different bands for the readers.

<table>
<thead>
<tr>
<th>Poverty Band</th>
<th>2000-01</th>
<th>2004-05</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Poverty Line=Rs.723.40</td>
<td>Poverty Line=Rs.878.64</td>
</tr>
<tr>
<td>Extremely Poor</td>
<td>&lt;50% that is &lt;Rs.361.7</td>
<td>1.1%</td>
</tr>
<tr>
<td>Ultra Poor</td>
<td>&gt; 50% &lt; 75% that is Rs.361.7 - Rs.542.55</td>
<td>10.8%</td>
</tr>
<tr>
<td>Poor</td>
<td>&gt;75%&lt;100% that is Rs.542.55 - Rs.723.40</td>
<td>22.5%</td>
</tr>
<tr>
<td>Vulnerable</td>
<td>&gt;100%&lt;125% that is Rs.723.40 - Rs.904.25</td>
<td>22.5%</td>
</tr>
<tr>
<td>Quasi Non-poor</td>
<td>&gt;125%&lt;200%, i.e., Rs.904.25% - Rs.1446.8</td>
<td>30.1%</td>
</tr>
<tr>
<td>Non-poor</td>
<td>&gt;200% that is over Rs.1446.8</td>
<td>13%</td>
</tr>
</tbody>
</table>

Source: Pakistan Economic Survey 2006-07
**Question 2:**

Table 2 below shows the educational attainments of the entire spectrum of female population aged 15 years and above in Punjab.

**Table 2: Education Attainment and Employment Status of Women, 2011 (%)**

<table>
<thead>
<tr>
<th>Females 15+</th>
<th>2007-08</th>
<th></th>
<th></th>
<th>2010-11</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Employed</td>
<td>Unemployed</td>
<td>Not economically active</td>
<td>Population of working age</td>
<td>Employed</td>
<td>Unemployed</td>
<td>Not economically active</td>
</tr>
<tr>
<td>Less than one year of education</td>
<td>73.8</td>
<td>53.88</td>
<td>50.94</td>
<td>56.33</td>
<td>71.69</td>
<td>48.82</td>
<td>47.3</td>
</tr>
<tr>
<td>Pre-primary education</td>
<td>2.07</td>
<td>1.15</td>
<td>1.71</td>
<td>1.78</td>
<td>2.25</td>
<td>1.06</td>
<td>1.98</td>
</tr>
<tr>
<td>Middle but below matric</td>
<td>3.76</td>
<td>6.79</td>
<td>11.81</td>
<td>9.84</td>
<td>4.38</td>
<td>7.85</td>
<td>13.27</td>
</tr>
<tr>
<td>Matric but below intermediate</td>
<td>4.83</td>
<td>11.96</td>
<td>12.29</td>
<td>10.54</td>
<td>5.05</td>
<td>11.03</td>
<td>13.47</td>
</tr>
<tr>
<td>Intermediate but below degree</td>
<td>2.19</td>
<td>5.33</td>
<td>5.4</td>
<td>4.65</td>
<td>2.26</td>
<td>7.79</td>
<td>5.61</td>
</tr>
<tr>
<td>Degree</td>
<td>3.99</td>
<td>6.25</td>
<td>3.68</td>
<td>3.8</td>
<td>4.13</td>
<td>10.89</td>
<td>4.07</td>
</tr>
<tr>
<td>All educational levels</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>


a) How does the data in this table help to explain the trend in the share of inactive women having less than one year of education?
b) Has the proportion of unemployed females having matric education or better changed overtime? Explain.

c) Can we say that unemployed women are better educated than their employed counterparts? Why or why not?

d) Can you explain the trend in the composition of the working age population between 2007-08 and 2010-11?
Section 4

Computer Skills

Instructions to Candidates:

- Give the answers in the space provided under each question, or as instructed in a specific question. Partial credit may be awarded in cases where the answer is partly correct.
- You have 30 minutes to answer questions in this section.
1. A word document is to be prepared in which on the same page single as well as multi-column text may appear as shown below. What type of breaks will be needed to get this done?

   a. Section Break (Continuous)
   b. Section Break (Even Page)
   c. Section Break (Next Page)
   d. Section Break (Odd Page)

2. In the following shape what is the purpose of the point at the top?

   a. To change the colour of the shape by clicking on it.
   b. To increase the size of the shape.
   c. To move the shape.
   d. To rotate the shape.

3. In the following figure a ruler of a table is shown. Which of the following statements is true?

   a. Tabs are defined for column 3.
   b. No tabs are defined for column 1 and 2.
   c. No tabs are defined for any column.
   d. All of the above are true.

4. In the following table, the sign on the top left corner is clicked. What would be the result?

<table>
<thead>
<tr>
<th>Fruit</th>
<th>Weight</th>
<th>Price (PKR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mango</td>
<td>10 kg</td>
<td>300</td>
</tr>
<tr>
<td>Orange</td>
<td>15 kg</td>
<td>600</td>
</tr>
</tbody>
</table>

   a. It will add another column.
   b. It will add another row.
   c. It will delete the whole table.
   d. It will select the whole table
5. The brush icon is used to:

a. Copy an object from one location and paste it another location.
b. Copy formatting from one location and apply to another location.
c. Erase a shape.
d. Paint a picture.

6. The “docx” file extension is used by:

a. Microsoft Excel documents
b. Microsoft Outlook documents
c. Microsoft PowerPoint documents
d. Microsoft Word documents

7. Looking at the following formatting tags shown we can safely say that:

a. The selected text is bold and italic.
b. The selected text is bold and underlined.
c. The selected text is bold but not underlined.
d. The selected text is italic and underlined.

8. In MS-Word, for what purpose does the ruler help?

a. To set tabs
b. To set indents
c. To change page margins
d. All of the above
9. Given the following screenshot from a Microsoft Word document, which of the following statements is true?

Pakistan produces over 150 varieties of mango. Mango-Orange is the fruit par excellence of Subcontinent. Pakistan is an important mango-growing country in the world. The soil and climatic conditions of Pakistan are highly suitable for mango-cultivation.

| a. “Track Changes” option has been turned off. |
| b. “Track Changes” option has been turned on. |
| c. “Track Changes” option is not working properly. |
| d. None of the above. |

10. When creating an Excel formula, what does the cell reference with dollar signs like $A$1 do?

| a. Allows only numbers to be input into the cell. |
| b. Changes the cell format to currency with a dollar sign as the default. |
| c. Creates an absolute reference. |
| d. Generates an error |

11. You want to send an email to your colleagues Salma and Saleem, to your subordinates Bisma and Basit, and to your boss Habeeb. You want that:
- Your boss should know what email is being sent and to whom.
- Your colleagues should know that you have sent an email to your subordinates.
- Your subordinates should not know that you have sent an email to your boss.
- You want a copy of the email for yourself too, but you do not want any one to know that you have sent a copy of this email to yourself too.

Fill in the To, Cc, and Bcc fields with the respective email addresses of these employees? Assume that their first names are their email addresses. Similarly your first name represents your own email address.
12. What is the correct formula to calculate an average of values of cells between B3 and B6, including B3 and B6 themselves too?

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>=AVE(B3:B6)</td>
</tr>
<tr>
<td>b.</td>
<td>=AVERAGE(B3:B6)</td>
</tr>
<tr>
<td>c.</td>
<td>=AVERAGE(B3+B4+B5+B6)/4</td>
</tr>
<tr>
<td>d.</td>
<td>=SUM(B3+B6)/2</td>
</tr>
</tbody>
</table>

13. The chart below shows the fuel consumption over a period of one calendar year. How the dotted line has been added?

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a.</td>
<td>By right clicking on the data series shown, and changing the chart type to Trendline.</td>
</tr>
<tr>
<td>b.</td>
<td>By right clicking on the data series shown, and choosing to add a Trendline.</td>
</tr>
<tr>
<td>c.</td>
<td>By right clicking on the data series shown, and formatting it as a line chart.</td>
</tr>
<tr>
<td>d.</td>
<td>By selecting Insert / Trendline from the top menu.</td>
</tr>
</tbody>
</table>
14. The following spreadsheet shows some tallest buildings of the world. The remarks in column F are calculated as being “Tall” if the building is over 500 meters tall, or “Normal” otherwise. Write Which formula will give the correct answer for the cell F24?

<table>
<thead>
<tr>
<th>Building Name</th>
<th>City</th>
<th>Height (m)</th>
<th>Completed</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burj Khalifa</td>
<td>Dubai (AE)</td>
<td>828</td>
<td>2010</td>
<td>Tall</td>
</tr>
<tr>
<td>International Commerce Centre</td>
<td>Hong Kong (CN)</td>
<td>484</td>
<td>2010</td>
<td>Normal</td>
</tr>
<tr>
<td>Makkah Royal Clock Tower</td>
<td>Mecca (SA)</td>
<td>601</td>
<td>2012</td>
<td>Tall</td>
</tr>
<tr>
<td>One World Trade Center</td>
<td>New York City (US)</td>
<td>641.3</td>
<td>2014</td>
<td>Tall</td>
</tr>
<tr>
<td>Petronas Twin Tower 1</td>
<td>Kuala Lumpur (MY)</td>
<td>451.9</td>
<td>1998</td>
<td>Normal</td>
</tr>
<tr>
<td>Shanghai Tower</td>
<td>Shanghai (CN)</td>
<td>632</td>
<td>2015</td>
<td>Tall</td>
</tr>
<tr>
<td>Shanghai World Financial Center</td>
<td>Shanghai (CN)</td>
<td>492</td>
<td>2008</td>
<td>Normal</td>
</tr>
<tr>
<td>Taipei 101</td>
<td>Taipei (TW)</td>
<td>508</td>
<td>2004</td>
<td>Tall</td>
</tr>
</tbody>
</table>

a. =IF("D24">500,"Normal","Tall")
b. =IF("D24">500,"Tall","Normal")
c. =IF(D24>500,"Normal","Tall")
d. =IF(D24>500,"Tall","Normal")

15. Write down the formula in cell E4 that you would use to paste into cells from E5 to E15 so that the results shown are produced?

Answer:
16. You are typing in a PowerPoint slide. Your cursor is positioned as shown in the following figure, at the start of the second row. What will happen if first space bar is pressed once and then TAB is pressed?

![Click to add title]
- Gujranwala
- Lahore
- Islamabad
- Quetta
- Peshawar
- Karachi

a. Cursor will move to the next line.
b. Lahore will move one tab position to the right along with the bullet.
c. Lahore will move one tab position to the right but with a different style defined for next level in the master slide.
d. Lahore will move to the right one tab position where as the bullet will remain at its current position.

17. On the following image circle the icon that when clicked will start the presentation of the PowerPoint.

![Slide 1 of 1 Notes Comments]

18. HTTPS stands for Secure Hypertext Transport Protocol and is used for:

a. Secure and safe Internet transactions.
b. Secure and safe transport of protocols over the Internet.
c. Securing and saving Internet protocols.
d. Securing and saving text documents.

19. Google Chrome is a:

a. Web browser application
b. Web crawler application
c. Web site management tool
d. Web communication tool
20. In the Excel sheet shown you want to copy values of the cells from H4 to H15 and paste them at the cells from J4 to J15. However you do not want the formula to be copied. Which option will be the most suitable for this?

b. Using Copy and Paste commands from the Edit menu
c. Using Copy and Paste Special commands from the Edit menu
d. Using Control-C for copying but Paste command from the Edit menu