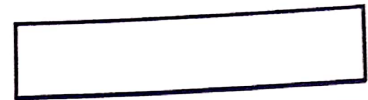




# ELIZADE UNIVERSITY

ILARA-MOKIN, ONDO STATE, NIGERIA

**FACULTY:** SOCIAL AND MANAGEMENT SCIENCES  
**SEMESTER:** SECOND SEMESTER EXAMINATIONS  
**SESSION:** 2016/2017 ACADEMIC SESSION  
**COURSE CODE:** HTM 312  
**COURSE TITLE:** WORLD TIME ZONES AND SEASONS  
**TIME:** 2HRS



HOD'S SIGNATURE

**Instructions:** The examination is administered in an open course textbook format. You may refer to your lesson note and reference training manuals. Students are expected to answer all questions in section A and 3 questions in section B

## SECTION A

1. True or False: The travel industry uses the 24 hour times clock to eliminate confusion over a.m and p.m distinctions and to facilitate easier calculation of elapsed travel times
2. True or False: Jet lag can be defined as the time differences a traveler experiences when taking long airline trips and crossing multiple time zones
3. The world is divided into which of the following number of time zones:
  - a. 12
  - b. 24
  - c. 18
  - d. None of the above
4. If a customer boards a plane in Los Angeles, California at 18:30 and arrives in San Diego, California at 19:40 the elapsed travel time is:
  - a. 1 hour and 20 minutes
  - b. 2 hours and 10 minutes
  - c. 1 hour and 10 minutes
  - d. 50 minutes
5. When a customer crosses the International Date Line travelling West, which of the following statement is true?
  - a. The customer loses a day

- b. The customer gains a day  
c. A change in time depends upon the type of flight  
d. The customer loses two days
6. What would be the local time in Rome on the 15<sup>th</sup> of June when it is 02:00 in Caracas, Venezuela?  
a. 08:30  
b. 09:30  
c. 10:30  
d. 11:30
7. What would the local time be in Zurich, Switzerland on the 15<sup>th</sup> of June when it is 2:00am in Chicago, Illinois?  
a. 10:00  
b. 09:00  
c. 08:00  
d. 02:00
8. The local time in Delhi, India is 2:45 on May 15<sup>th</sup>. What is the local time in London, England.  
a. 23:15  
b. 22:15  
c. 22:00  
d. 22:30
9. The local time in Bogota, Colombia is 15:25 hours on 22<sup>nd</sup> May. What is the local time in Los Angeles, California, USA?  
a. 13:25  
b. 01:25  
c. 14:25  
d. 16:25
10. What time is it in Buenos Aires when it is 10:00 GMT?  
a. 10:00  
b. 07:00  
c. 13:00  
d. 03:00
11. North America's Eastern Standard Time Zone (EST) is 75 degrees west of Greenwich, which means that EST is how many hours earlier than GMT.  
a. 7 hours  
b. 6 hours  
c. 12 hours

- d. 5 hours
12. Greenwich mean time is also known as:
- a. UTC
  - b. GMT
  - c. Universal Time Coordinated
  - d. All of the above
13. Countries modify their standard time during summer by advancing one hour. This temporary change is called:
- a. Night Time Saving Time (NST)
  - b. Daylight Advancing Time (DAT)
  - c. Daylight Saving Time (DST)
  - d. Night Shortening Time (NST)
14. 1L pm can also be expressed as:
- a. 13:00
  - b. Noon
  - c. 1:00am
15. True or False: When calculating the time difference between two cities the International Date Line cannot be crossed.

### SECTION B

1. What is the time in Calcutta (longitude  $96^{\circ}$  E) when it is 9:00am in Munich (longitude  $11^{\circ}$  E)?
2. If someone in Tokyo (time zone  $135^{\circ}$  E) telephones a friend in Vancouver on 4<sup>th</sup> December at 10:00am. What time will his friend receive the call in Vancouver (time zone  $120^{\circ}$  W)?
3. Calculate the local time at the following places when it is noon (12:00 hours) at Greenwich:
  - i. Tainan long.  $120^{\circ}$  E
  - ii. Yukon city long.  $145^{\circ}$  W
  - iii. Rock hampton long.  $150^{\circ}$  E
4. Explain why the local clock time in Samoa Islands ( $171^{\circ}$  W) was noon on 1<sup>st</sup> November when in the Fiji Islands ( $178^{\circ}$  E), it was 11:00am on 2<sup>nd</sup> November.