

EXERCISES

According To NEP Guidelines

Lesson 5 book work

Multiple Choice Questions

- Data is
(a) audio ☐ (b) video ☐ (c) both (a) and (b) ☒
- Voice assistant takes only type of data.
(a) audio ☒ (b) text ☐ (c) video ☐
- The data that is not well organised like tabular formats but still shows some readable and understandable format is called
(a) structured data ☐ (b) unstructured data ☐
(c) semi-structured data. ☒
- Google Photos use technology to identify your picture.
(a) computer vision ☒ (b) natural processing language ☐
(c) image processing ☐
- What is the name of the process in which machines learn automatically from the experience of handling similar tasks?
(a) Deep learning ☐ (b) Machine learning ☒
(c) Computer vision ☐

Fill in the blanks.

- Any data that is available in a well organised manner is called *Structured data*
- Natural language processing* is a subject in language technology that has the purpose of understanding human movement by mathematical processes.
- A machine draws *Patterns* from the data to solve any query.
- Computer vision* enables self-driving cars to make sense of their surroundings.
- Google Translate is an example of *Natural language processing* technology at work.

Write T for true and F for false statements.

- The technology of converting spoken phrases into written text is speech recognition. ☐ T
- Wait time is the time taken by a device to respond to a request. ☐ T
- Big data is a large volume of data that requires to run a business. ☐ T
- The best spam detection technologies use CV's text classification abilities. ☐ F
- Machine learning and deep learning are subsets of each other. ☐ T



COMPUTERS-7 51

EXERCISES

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Lesson-6 book work

A. Multiple Choice Questions

- Google Sites is a application.
(a) web-based ☒ (b) web-browser ☐ (c) web support ☐
- Which one of the following options can be used to make Google Sites public?
(a) Delete the site ☐ (b) Save the site ☐ (c) Publish the site ☒
- What is the maximum number of pages that can be added in a Google Sites?
(a) 10 ☐ (b) 100 ☐ (c) No limit ☒
- Which one of the following options is mandatory and unique when you publish Google Sites?
(a) Web address ☒ (b) Title of the website ☐
(c) Page name ☐

Write T for true and F for false statements.

- Google Sites is saved to your web server. ☐ F
- Google Sites is used for creating videos. ☐ F
- Google Sites is an easy way to make websites without coding. ☐ T
- Google Sites is a part of Google Workspace. ☐ T
- Google Sites is automatically published when created. ☐ F

Very Short Answer Questions

- Name the modes available in General access section in Google Sites.
- Which tab is used to add a new page in Google Sites?

Short Answer Questions

- What is Google Sites?
- Explain how a new page can be added to Google Sites.

Long Answer Questions

- Explain the tips for creating a website using Google Sites.
- Write the benefits of Google Sites.
- How to publish a Google Sites website?

EXERCISES

According To NEP Guidelines

Lesson -7 book work

A. Multiple Choice Questions

- The operator gives remainder of a division.
(a) integer division ☐ (b) modulus ☒ (c) division ☐
- Relational operators always return a/an value.
(a) string ☐ (b) boolean ☒ (c) integer ☐
- If a = True, then the value of expression NOT a is
(a) False ☒ (b) True ☐ (c) undefined ☐
- The operator has the highest precedence.
(a) parenthesis ☒ (b) exponentiation ☐ (c) addition ☐
- The operator creates a new string, concatenating multiple copies of the same string.
(a) repetition ☐ (b) exponential ☐ (c) concatenation ☒

B. Fill in the blanks.

- operators are the symbols that perform some operations on some values.
- When an operator acts on a single variable, it is called unary operator.
- Logical operators are based on Multiple condition.
- The operator (! =) is called Not Equal to operator.
- Integer division is also called floor division.

C. Write T for true and F for false statements.

- '+' is an arithmetic operator. ☐
- String operators are used to divide the strings. ☐
- Relational operators are also known as comparison operators. ☐
- Boolean AND has the lowest precedence. ☐

D. Very Short Answer Questions

- What are operands?
- Give an example of AND operator.
- What is a bug?

