Summer Independent Learning

Subject/Group	BTEC Extended Certificate in Health and Social Care (Y12-Y13)
Topics	Physiological Disorders
Timescale	5 - 8 hours
To be completed by	This work must be completed and handed in to your subject teacher on the first day of term

PHYSIOLOGICAL DISORDERS

There are **TWO** tasks in this assignment and you must complete **BOTH**.

The human body is a complex machine performing a multitude of functions every day. Like any machine it can malfunction, possibly as the result of an inherent genetic error, an infection or as a consequence of lifestyle choices, occupations or environmental exposure to harmful agents. Or, as a result of the natural ageing process, the body systems simply become worn out. These malfunctions can be referred to as physiological disorders.

E.g. diabetes, Alzheimer's disease, osteoporosis, asthma and coronary heart disease.

Motor Neurone Disease (MND)

MND is the short term for motor neurone disease, which affects the nerves known as motor neurones. These nerves are found in the brain and spinal cord, and they help tell your muscles what to do.

If you have MND, this means your movement will be affected and you are likely to get a wide range of symptoms. Select from the following for basic facts about the disease.

https://www.youtube.com/watch?v=tq0MO2x31NA

Rob Burrows

The documentary follows Rob Burrow as he shows the same spirit in his fight against motor neurone disease as made him a hugely admired rugby league star.

His family and friends, including former teammates Kevin Sinfield and Barrie McDermott, also give their insight into this remarkable man. Burrow was prompted to raise awareness for research into the condition after meeting former Scotland rugby union legend and fellow motor neurone disease sufferer Doddie Weir.

https://www.youtube.com/watch?v=y-y014GAhKo

TASK 1: FACT FILE

Produce a fact file on Motor Neurone Disease (MND) to include the information below:

- Diagnosis
- Carers and Care Settings
- Impact
- Benefits

You can choose how to present your work e.g. a leaflet, a booklet, a PowerPoint or Sway presentation.

Remember to **reference** your work correctly.

Diagnosis	Explain what methods/procedures are used to investigate and diagnose MND (How does a doctor find out that the person is suffering from MND?)
Carers and Care Settings	Explain which carers/professionals will be involved with someone who has MND and explain their roles Explain the settings service users with MND will be in how these settings support service users
Impact	What is the impact of MND on the service user? (think P.I.E.S) E.g. Physical impact – what happens to the body? Find evidence to support your points)
Benefits	What are the benefits of different investigations when diagnosing MND? What are the benefits of the different treatment options for MND?

	Which investigations/diagnostic procedures/treatments would you use for MND and why?

TASK 2: TREATMENT PLAN

Example of a treatment plan:

https://www.imperial.nhs.uk/-/media/website/patient-information-leaflets/cancer-services/oesophago-gastric-cancer/my-treatment-plan-booklet---oesophago-gastric-service.pdf?rev=27982bd21bdb47d987aba8d795a378bf&sc_lang=en#:~:text=This%20booklet%20is%20designed%20to,you%20can%20carry%20with%20you.

A treatment plan specifies your health care and support needs and outlines how the service providers will meet your requirements.

Produce a treatment plan for Motor Neurone Disease (MND) to include the information on the following slides:

- Assessment of care needs
- Factors
- Recommendations
- Advantages and disadvantages of different treatment options

You can choose how to present your work e.g. a table, a report, a booklet.

Remember to **reference** your work correctly.

At the start of the treatment plan include some personal information e.g. name, date of birth and the name of GP.

Assessment of care needs	What does the service user need support with?

	Does the service user have any individual needs? E.g. culture, religion, disability What are the goals of the treatment? What are the treatment options and who will provide this?
Factors	What factors do you need to consider to be able to meet the needs of the service user? (Are there any barriers to their care?)
Recommendations	Explain how this plan meets the needs and preferences of the service user. Explain how any barriers can be overcome.
Advantages and disadvantages	Explain the advantages and the disadvantages of the suggested treatment options.

Checklist

Have you:

- Produced a fact file for MND?
- Produced a treatment plan for MND?
- Referenced your work correctly?

If you have difficulty in accessing IT resources to produce this work, you may complete

it by hand, making sure you write clearly and neatly.

Make sure you have put your name on all sheets of paper.