ALL HANDS ON DECK

(2019-1-ES01-KA204-065201)

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European work heritage in shipwright for present and future

TEST FOR THE MODULE 10

QUESTIONS & ANSWERS

1) In the 1990s, what software was implemented in shipyards to improve shipbuilding?

A. ☐   Product Lifecycle Management

B. ☐   <mark>Product Data Managers</mark>

C. ☐   Digital Manufacturing

2) Which standard defines technology watch and its processes?

A. ☐   UNE 166000: 2008

B. ☐   UNE 166060: 2006

C. ☐   <mark>UNE 166006: 2018</mark>

3) In the technology watch process, when will the information collected be considered valid?

A. ☐   When it can satisfy previously identified needs, without the need to know whether it is truthful.

B. ☐   Where it can be useful for researchers, even if it does not meet the needs previously identified.

C. ☐   <mark>When it can meet previously identified needs, but it is necessary to know whether the information analysed is accurate and reliable.</mark>

4) In terms of anti-corrosion materials, what is the most researched material to be combined with anti-corrosion paint?

A. ☐ Pigments

B. ☐ <mark>Epoxy resin</mark>

C. ☐ Solvents

5) According to the UNE 166002 Standard, what are the critical factors in the technology watch process?

A. ☐ Issues external to the organisation whose evolution is crucial to its competitiveness, emerging technologies, current and potential competitors, market developments and the environment

B. ☐ A series of ideas or concepts that serve to optimise the different processes of technology watch.

C. ☐ sues of the organisation itself whose evolution is crucial to its competitiveness, emerging technologies, current and potential competitor

6) Can the use of the Internet of Things (IoT) technology on ships provide solutions?

A. ☐ Digital protection of the cargo carried by the ship

B. ☐ The use of IoT has little improvement to offer the shipping industry

C. ☐ Improve communications between the ship and the port

7) The improvement of the production chain is one of the objectives of…?

A. ☐ Implementation of Shipyard 4.0

B. ☐ Shipbuilding companies

C. ☐ From the governments

8) With the use of 3D printing, is it possible to create complete ships?

A. ☐ No, only some small parts of the ship can be created

B. ☐ In the past this was unthinkable, but with today's technology it is possible to make a complete ship

C. ☐ Not completely, but most of the ship

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9) Are cyber threats in the shipbuilding sector becoming more common?

A. ☐ There has not been a big change in cyber-attacks in recent years.

B. ☐ No, they are becoming less and less common thanks to advances in computer technology.

C. ☐ Yes, due to the use of technologies such as the Internet of Things or artificial intelligence, cyber-attacks are becoming more and more common

10) What is the pioneering project in Europe looking for sustainable and efficient materials for boat building?

A. ☐ NextOcean Project

B. ☐ RAMSSES project

C. ☐ CENTURION project

11) What types of fibres are being investigated with the greatest interest to improve the weight of the boat?

A. ☐ Synthetic fibres

B. ☐ Chemical fibres

C. ☐ Vegetable fibres

12) Which of these options is a patent database?

A. ☐ Espacenet

B. ☐ Seimed

C. ☐ Cordis

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