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[For departmental use]

[Exercise No.03]

E-exercise Book



*HS Code, CAS Code
&
UN Code*

Note:

In this **e-Exercise Book**, the reader can check his understanding and knowledge about **HS Code/CAS Code/UN Code**. Though all efforts have been made to make this exercise book error free, but it is possible that some errors might have crept into it. If you notice any errors or if you have any suggestion to improve this exercise book, the same may be brought to our notice through email on the e-mail addresses: rtinacenkanpur@yahoo.co.in or goyalcp@hotmail.com. This may not be a perfect **e-Exercise Book** and all are requested to assist us to make it better.

Sd/-

(C. P. Goyal)
Additional Director General
NACEN, RTI, Kanpur
goyalcp@hotmail.com

Take the following Quiz & Test your knowledge

Identify the most appropriate choice by choosing the correct option out of five options given below.

Q.No.1 Which of the following International Organization has designed and developed the Harmonized Commodity Description and Coding System?

- (a) World Customs Organization
- (b) World Trade Organization
- (c) United Nations Office on Drug and Crime
- (d) American Chemical Society
- (e) United Nations Environmental Programme

Q.No.2 The HS Coding System is subjected to revision periodically after how many years?

- (a) Five
- (b) Ten years
- (c) Never revised
- (d) Two years
- (e) Every year

Q.No.3 The Harmonized Commodity Description and Coding System is based on which of the following International Conventions?

- (f) Kyoto Convention
- (g) **HS Convention**
- (h) Nairobi convention
- (i) Basel convention
- (j) Stockholm Convention

Q.No.4 Which one or more of the following are the basic objectives of Harmonized System (HS)?

- (a) Trade Facilitation
- (b) Collection, Comparison and analysis of International Trade Statistics.
- (c) Identification of hazardous chemical substance
- (d) Communication of hazards associated with transport of dangerous goods to the stakeholders
- (e) both (a) and (b) above

Q.No.5 How many digits should at least, be there in HS code of import/export goods of any country which has adopted HS convention?

- (a) Six digits
- (b) Eight Digits
- (c) Ten Digits
- (d) Four Digits
- (e) Two Digits

Q.No.6 How many digits are there in the classification system adopted by India for the purposes of the Indian Customs Tariff Act?

- (a) Six digits
- (b) Ten digits
- (c) Eight digits
- (d) Four digits
- (e) Two digits

Q.No.7 Which one of the following is an objective of CAS coding system?

- (a) Identification of Chemical Substances
- (b) Identification of Hazardous Chemicals
- (c) Identification of Dangerous Goods
- (d) Identification of any internationally traded goods
- (e) Identification of precursor Chemicals for IEDs

Q.No.8 With reference to Chemicals, the Acronym “CAS” Stands for?

- (a) Chemical Abstracts Service
- (b) Chemical Abstracts Society
- (c) Chemical Abstracts System
- (d) Chemical Absolute Society
- (e) None of the above

Q.No.9 Which one of the following organizations has developed CAS coding System?

- (a) Registry for Toxic Effect of Chemical Substances.
- (b) Division of American Chemical Society.
- (c) UN Committee of Experts for the transport of dangerous Goods.
- (d) UN Committee of Experts for Globally Harmonized System of Classification and labelling of Chemicals.
- (e) The Occupational Safety and Health Administration (OSHA)

Q.No.10 Which of the following coding system incorporate the has concept of Check Digit?

- (a) HS Code,
- (b) CAS Code
- (c) UN Number
- (d) HAZCHEM code
- (e) None of the above

Q.No.11 The CAS Code of Potassium Chlorate is 3811-04-9. In this CAS number, identify the Check digit?

- (a) 3
- (b) 8
- (c) 0
- (d) 4
- (e) 9

Q.No.12 How many digits a CAS No. may have?

- (a) 5 to 10 digits
- (b) 8 digits
- (c) 4 digits
- (d) 3 digits
- (e) 6 digits

Q.No.13 In which one or more of the following situations, a Chemical may have more than one CAS Number ?

- (a) If it is available in market in different concentration.
- (b) If it is available in market in different form.
- (c) (a) and (b) above.
- (d) (a) and(b) above, if these different form or concentration have distinct chemical and physical property.
- (e) (a) and (b) above, if these different form or concentration poses different hazard from Transportation point of view.

Q.No.14 Under the recommendation by the UN Committee of Experts on Globally Harmonized System of Classification and Labelling of Chemicals, in how many classes the Hazards posed by dangerous goods have been classified?

- (a) Seven
- (b) Nine
- (c) Six
- (d) Three
- (e) Sixteen

Q.No.15 Which one or more of the following precursor chemicals for IEDs do not have UN Number?

- (a) Urea
- (b) Calcium Ammonium Nitrate
- (c) Aluminum Powder
- (d) Nitric Acid
- (e) Both (a) and (b) above

Q.No.16 The UN Coding System for transport of hazardous goods is based on the recommendation of the UN Committee of Experts, which have been published in ____?

- (a) Yellow book
- (b) Purple book
- (c) Red book
- (d) Blue book
- (e) Orange book

Q.No.17 The UN Code has how many digits?

- (a) Four
- (b) Six
- (c) Eight
- (d) Ten
- (e) Five to seven

Q.No.18 Out of HS Codes/CAS Codes/UN Codes, which one is most commonly found on the packages of the Hazardous Goods?

- (a) UN Code
- (b) CAS Code
- (c) HS Code
- (d) All the above
- (e) None of the above.

Q.No.19 The knowledge of UN Code/CAS code can be utilized by the Customs officers to ____?

- (a) Detect any mis-declaration of goods by the importer /exporter at the time of clearance of import/export cargo?
- (b) Be careful while drawing samples of Chemical from the import /export cargo for testing.
- (c) Be at safe distance when import/export cargo having UN Code on the packages is being loaded/unloaded/transported nearby ?
- (d) (a), (b) and (c) above
- (e) Only (a) and (b) above

Q.No.20 If during inspection of any import /export package, you notice UN No written over it, what does it indicate?

- (a) The goods inside the package are Hazardous goods.
- (b) The goods inside the package are Hazardous Chemicals.
- (c) The goods inside the package may or may not be dangerous.
- (d) The goods inside the package are environmentally hazardous goods.
- (e) The goods inside the package pose significant risk to human health.

Q.No.21 Carefully go through the following statement and find out whether the same is **True** or **False**.

- (i) Chapter 77 under Harmonized Commodity Description and Coding System has been kept blank for future international use. **[True/False]**
- (ii) The HS is the short name for Harmonized Commodity Description and Coding System. **[True/False]**
- (iii) The HS is the most widely system for classification of goods during the course of international Trade. **[True/False]**
- (iv) Under Harmonized System, two Chapters, namely, 98 and 99 have been kept for national use. **[True/False]**
- (v) Sixth Revision of HS will come into force with effect from 1.1.2017. **[True/False]**
- (vi) The UN codes are four digits number. **[True/False]**
- (vii) The CAS Number is also known as CAS Registry Number. **[True/False]**
- (viii) The CAS Registry has more than 91 million chemicals in its database. **[True/False]**
- (ix) About 10000-15000 chemicals are added every day to the CAS Registry database. **[True/False]**
- (x) Single chemical cannot have more than one UN number. **[True/False]**
- (xi) Goods considered to be non-hazardous from transportation point of view also have UN number assigned to them. **[True/False]**
- (xii) Some chemicals can have more than one UN code if these chemicals are available in market in different concentration or different form, which poses different hazard from transportation point of view. **[True/False]**

Exercise 2:

Please find out whether Check Digit of the following CAS No is correct or otherwise?

CAS No 75-52-6

ANSWERS OF MULTI CHOICE QUESTIONS (MCQs)

Q. No.	Sub-Q.No.	Answer
1.		(a)
2.		(a)
3.		(b)
4.		(e)
5.		(a)
6.		(c)
7.		(a)
8.		(a)
9.		(b)
10.		(b)

11.		(e)
12.		(a)
13.		(d)
14.		(b)
15.		(e)
16.		(e)
17.		(a)
18.		(a)
19.		(d)
20.		(a)
21.	(i)	T
	(ii)	T

	(iii)	T
	(iv)	T
	(v)	T
	(vi)	T
	(vii)	T
	viii)	T
	(ix)	T
	(x)	F
	(xi)	F
	(xii)	T

<p>Exercise -2</p>	<p>A CAS Number given is 75-52-6</p> <ul style="list-style-type: none"> • Calculate the check digit • $7X4 + 5X3 + 5X2 + 2X1 = 55$ • Divide 55 /10 • Remainder number is 5 • The Check digit should be 5, not 6 • Correct check digit is 5. It is CAS No of Nitromethane.
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