

Answers

Question no. 1

Answer: c) 15

output of `print(func(30, 75))` will be: 15

Question no. 2

Answer: b) Filter

Question no. 3

Answer: a) Tuple

Args used in function definition of python, it collects any number of positional arguments into a tuple.

*args stores the passed arguments as a tuple.

Question no.4

Answer: b) 270

Correct approach using set union to combine sets

```
combined_set = set1.union(set2).union(set3) print(len (combined_set))
```

Question no. 5

Answer: a) raise

Question no. 6

Answer: c) datetime

Question no. 7

Answer: c) 208

Question no. 8

Answer: a) strptime

Question no. 9

Answer: b) immutable

Question no. 10

Answer: A. range()

Question no. 11

Answer: C. Lambda function

Question no. 12

Answer: C. Both A and B

Question no. 13

Answer: B. dump() method

Question no. 14

Answer: A. load()

Question no. 15

Answer: D. All of the mentioned above

Question no. 16

Answer: d) both a and b.

```
for ship, captain in captains.items(): print(ship, captain)
```

```
for ship in captains: print(ship, captains[ship])
```

Question no. 17

Answer: d) captains = { }

Question no. 18

Answer: b)

```
captains["Enterprise"] = "Picard"
```

```
captains["Voyager"] = "Janeway"
```

```
captains["Defiant"] = "Sisko"
```

Question no. 19

Answer: b)

```
for ship, captain in captains.items(): print(f"The {ship} is captained  
by {captain}.")
```

Question no. 20

Answer: c)

The statement that will remove the entry for the key "Discovery" from the captains dictionary is:

```
del captains["Discovery"]
```